

Table 8

5318	db mining	Hs.75969	AI568695	4532069	proline-rich protein with nuclear targeting signal (B4-2), mRNA /cds=(113,1098)	-1	AAAACCATTCCAGCTTAATGCCCTTAA TTTTAATGCCAACAAAATTGGGG
5319	Table 3A	NA	AI568725	4532099	th15a01.x1 NCI_CGAP_CLL1 cDNA clone IMAGE:2118312 3', mRNA sequence	-1	TGCAACCTTCTTAAAAATGTGGGCTAC TGGAGATCATGCCACTGCACTCCA
5320	Table 3A	Hs.159014	AI568751	4532125	th15d09.x1 cDNA, 3' end /clone=IMAGE:2118353 /clone_end=3'	-1	AGCTCAGATGGGTCCCCAAAAGAGG CATAGGAAAGCGCGACCTCACTGCC
5321	db mining	Hs.174242	AI568753	4532127	th15e04.x1 cDNA, 3' end /clone=IMAGE:2118366 /clone_end=3'	-1	CAAATAAAAAGGCTGGGGCCAAAAGG TGGGCACCAAAGTCTCTATGTG
5322	Table 3A	NA	AI568755	4532129	th15f03.x1 NCI_CGAP_CLL1 cDNA clone IMAGE:2118365 3', mRNA sequence	-1	TGCAGCTCCCATTTCTGAGCGTCTA CCAGTACTAGGAGAAGCTTACA
5323	db mining	Hs.327876	AI568771	4532145	th15h04.x1 cDNA, 3' end /clone=IMAGE:2118391 /clone_end=3'	-1	ATTATCCTTTTCCCCAGGAAGCCCTC GGCCCCAAAAGGGAAACAGTTT
5324	db mining	Hs.179070	AI568773	4532147	th15h09.x1 cDNA, 3' end /clone=IMAGE:2118401 /clone_end=3'	-1	CATGAGCCCAGGGGTTTCATGACAAA CATTACTAGCATGTCCAAGTCC
5325	Table 3A	NA	AI569898	4533272	tr57c12.x1 NCI_CGAP_Pan1 cDNA clone IMAGE:222422 3' similar to gb:D16234 PROBABLE PROTEIN DISULFID	-1	GCCCCGTTTATGGAAAAACAGGAC CAGTTTATGTTTGGGGTTTGGGAA
5326	Table 3A	Hs.92448	AI570295	4533669	EST380664 cDNA	-1	GCTTGGTACTGTCATAGTGATTACAA ATTTTCATGGAATGCGAAGAGCAAC
5327	Table 3A	Hs.5637	AI570531	4533905	602998983F1 cDNA, 5' end /clone=IMAGE:5141013 /clone_end=5'	-1	TTTTCTCCCTCTCTCCCTCCAC GAAGTCAATACCAAGTAACTGG
5328	Table 3A	Hs.14623	AI571519	4534893	interferon, gamma-inducible protein 30 (IFI30), mRNA /cds=(40,951)	-1	AAGCCCAGATACAAAAATCCACCC CATGATCAAGAATCCTGCTCCACT
5329	db mining	Hs.8882	AI572757	4536131	tu43c07.x1 cDNA, 3' end /clone=IMAGE:2253804 /clone_end=3'	-1	CATGTGTTGACTCTGTAATGGATTAT GTAGCCCACTTCAGTCTGCAAT
5330	Table 3A	Hs.230430	AI579979	4564355	tq45a01.x1 cDNA, 3' end /clone=IMAGE:2211720 /clone_end=3'	-1	AGGGGTGTCCCTTTTCCCTTCATGT AAAATTTCTAAGTGGGGCTACCAGT
5331	Table 3A	NA	AI581199	4565575	U94h10.x1 NCI_CGAP_Co14 cDNA clone IMAGE:2154787 3' similar to SW:ATP6_HUMAN P00846 ATP SYNTHASE A	-1	TCTACTGACTATCCTAGAAATCGCTG TCGCCTTAATCCAAGCCTACGTTT
5332	Table 3A	Hs.327922	AI581383	4565759	to71c02.x1 cDNA, 3' end /clone=IMAGE:2183714 /clone_end=3'	-1	TGAAGAACTGCCCTTTCTGTGATGT TTTTGAATACTACCAACAGCCAA
5333	Table 3A	Hs.229918	AI581732	4567629	ar74f03.x1 cDNA, 3' end /clone=IMAGE:2128349 /clone_end=3'	-1	CTTCTAGCCCTAAGTTTGGCCTTTG GGTGGCTCCAAAAGGATTAGGTT
5334	Table 3A	Hs.292553	AI582954	4568851	tr98e07.x1 cDNA, 3' end /clone=IMAGE:2227140 /clone_end=3'	-1	TCCCCCTCGTTTTGTAGGGTTTGTAC ATAATAAAACAATGGGGTGGGGCC
5335	Table 3A	Hs.340925	AI590337	4599385	wh96a06.x1 cDNA, 3' end /clone=IMAGE:2388562 /clone_end=3'	-1	TGTTAAGTGTGAGTTTTTCTGAACCC TTAGCAGAAGGACTTTTAATGTTT
5336	Table 3A	Hs.101617	AI597917	4606976	601513709F1 cDNA, 5' end /clone=IMAGE:3914786 /clone_end=5'	-1	AGTTCACACTGCTGTCTCTTACCTT GATTAATAGCCTATGCATGTACTT
5337	db mining	Hs.13646	AI611245	4620412	601287348F1 cDNA, 5' end /clone=IMAGE:3621754 /clone_end=5'	-1	AGTTCGTGTTGTAATCTGGTGCTGG TTCCCTGGGCATATGATTCTGTG
5338	Table 3A	NA	AI619574	4628700	ty50c09.x1 NCI_CGAP_UI2 cDNA clone IMAGE:2282512 3' similar to gb:M23613 NUCLEOLAR PHOSPHOPROTEIN B	-1	CCCCCTTGCTTGGTTTTAAGTAGGTA TGGAATGTTATTATAGGCCATAGT
5339	db mining	Hs.340564	AI625119	4650050	ts47b12.x1 cDNA, 3' end /clone=IMAGE:2231711 /clone_end=3'	-1	TCAGTGTAACATAATTAGCCGTGA GTTTTTGCTCTTACTCCAGGTTT
5340	Table 3A	Hs.188365	AI625368	4650299	ts37c10.x1 cDNA, 3' end /clone=IMAGE:2230770 /clone_end=3'	-1	TGTAAACTGTTTTAACAACTCTTTTC AACATTTTGGCCGGGATTCC
5341	Table 3A	Hs.278554	AI627495	4664295	chromobox homolog 3 (Drosophila HP1 gamma) (CBX3), mRNA /cds=(111,662)	-1	TGCTGAAAGTGGTCCCAAAGGGGTA CTAGTTTTTAAGCTCCCAACTCCCC
5342	Table 3A	Hs.171262	AI628893	4665693	ty95h02.x1 cDNA, 3' end /clone=IMAGE:2286867 /clone_end=3'	-1	TTCCCAGTTGCCACAGACCGTTTATA TGAAGAAATGCTAAAGAAGTCC
5343	Table 3A	NA	AI628930	4665730	ty40d03.x1 NCI_CGAP_UI2 cDNA clone IMAGE:2281541 3' similar to SW:ATP6_HUMAN P00846 ATP SYNTHASE A	-1	TCTACTGACTATCCTAGAAATCGCTG TCGCCTTAATCCAAGCCTACGTTT
5344	db mining	Hs.264154	AI630176	4681508	ad06a03.r1 cDNA /clone=ad06a03-(random)	-1	AGTTCCTAAAGCCGGGAATTCCTAAGG ATATACTAAATGAGATTATGTGTGG

Table 8

5345	Table 3A	Hs.340604	AI631850	4683180	wa36h07.x1 cDNA, 3' end /clone=IMAGE:2300221 /clone_end=3'	-1	GCCTGGGGGAGGAGAAGTCCCTTCC CATTCCAGCTCGATCAATCTTGCTG
5346	Table 3A	Hs.256729	AI634652	4685982	wx27c05.x1 cDNA, 3' end /clone=IMAGE:2544872 /clone_end=3'	-1	GGAGTAGAGAGAGTCTTGCTACATGC GGGAAC TAGAATTACATCACTGCG
5347	Table 3A	Hs.319825	AI634972	4686302	602021477F1 cDNA, 5' end /clone=IMAGE:4156915 /clone_end=5'	-1	AAGAAGTTTCATTGATATCCACTGGT CACATCATACCTGCTATAGGGCA
5348	Table 3A	Hs.176920	AI638800	4691034	tt32e01.x1 cDNA, 3' end /clone=IMAGE:2242488 /clone_end=3'	-1	TGCTTCAAGCACAGGATTTATGGAAT AGTTGGCAAATTAACCAACATGCT
5349	Table 3A	Hs.197028	AI650871	4734850	602643870F1 cDNA, 5' end /clone=IMAGE:4774817 /clone_end=5'	-1	CGGCAGCCTTATGGAATGAGTTTCTT GTGATGAATGTTGCCCAAAGCT
5350	Table 3A	Hs.4283	AI651212	4735191	602621616F1 cDNA, 5' end /clone=IMAGE:4755315 /clone_end=5'	-1	ACAGTACTTTGGAGCTGCTAGACTG GTTTTCTGTGTTGGTAAATTCCT
5351	db mining	Hs.203064	AI651922	4735901	hy16b12.x1 cDNA, 3' end /clone=IMAGE:3197471 /clone_end=3'	-1	TGTGAAGAATCCCTACCATTAATACC CTGGGTGGGATAAATAAAATGGG
5352	Table 3A	Hs.195378	AI653766	4737745	ty01b06.x1 cDNA, 3' end /clone=IMAGE:2277779 /clone_end=3'	-1	CCCAAAATTTGTTAAAGTCCGACTT CCAAAAGGGGCCAATAAAAGGG
5353	db mining	Hs.111941	AI660405	4763975	qd92a04.x1 cDNA, 3' end /clone=IMAGE:1736910 /clone_end=3'	-1	CACCGCCTCTGCCTCCGCCTCTTCCA CTGGAGAGCCGAGGTCAAAGGTC
5354	Table 3A	Hs.200442	AI669591	4834365	tw34b09.x1 cDNA, 3' end /clone=IMAGE:2261561 /clone_end=3'	-1	CCCTCACCTAGCAGTACTACCACAAT AATGCTATCATGGTGCCAGGGAAT
5355	Table 3A	Hs.101150	AI672433	4852164	Homo sapiens, clone IMAGE:4054156, mRNA, partial cds /cds=(0,526)	-1	TCTCCTTCCCATTTGGGCCCGCTTTA TCAATTGCTGTTTTGTTTTGTTT
5356	Table 3A	Hs.341178	AI678004	4888186	xa30a04.x1 cDNA, 3' end /clone=IMAGE:2568270 /clone_end=3'	-1	TTTTATCTTTCTGGTGGGGGTGTG GTGGTGGTAAGAGGACCTAAAAA
5357	Table 3A	Hs.324507	AI678099	4888281	hypothetical protein FLJ20986 (FLJ20986), mRNA /cds=(182,2056)	-1	CGCCAGAGGTCAGAACATGTCTATTT TGAATTGGATCGTTACAAATGAGC
5358	Table 3A	Hs.178784	AI681868	4892050	602587746F1 cDNA, 5' end /clone=IMAGE:4716442 /clone_end=5'	-1	GCAGGCACCTGACATTTTTGAGCAAAG ACGTGATGTTATGAGATAAATATC
5359	Table 3A	Hs.90744	AI684022	4895316	proteasome (prosome, macropain) 26S subunit, non-ATPase, 11 (PSMD11), mRNA /cds=(0,1268)	-1	TTCTGACACGATTACACAACGAGGCT TTAATGCCATTTGGGTAGGTGAGC
5360	db mining	Hs.328323	AI684369	4895663	tc96e09.x1 cDNA, 3' end /clone=IMAGE:2074024 /clone_end=3'	-1	TTTTAAAGGGGAGGGCCGGGGTTT GGTCCCCGGTCCCAAAGTAAAAAGTT
5361	Table 3A	Hs.58774	AI684437	4895731	Homo sapiens, Similar to zinc finger protein 175, clone MGC:12651 IMAGE:4301632, mRNA, complete cds /cds=(367,522)	-1	GAGTGAGAAGAGGCTTTTAAAGACCA TGTGAAGAGGCTTTTAAACACTTT
5362	db mining	Hs.182817	AI684847	4896141	602290551F1 cDNA, 5' end /clone=IMAGE:4385293 /clone_end=5'	-1	GGGTTGGGATAAACTGCTTAGATGTT TGCCTACTTGTCCAGTGAAATTAC
5363	Table 3A	NA	AI688560	4899854	wd39f08.x1.Soaes_NFL_T_GBC_S1 cDNA clone IMAGE:2330535 3', mRNA sequence	-1	ACTGAAAAGTTGAAAGACTTTTGCAG TGAACATTATATAACTCCCCGCT
5364	Table 3A	Hs.201789	AI693179	4970519	MR1-CI0181-061100-001-a01 cDNA	-1	ATTCATAGGTAGTCCCAGAGAGAGT ACAAGCTCTGACTCATATGGCAGT
5365	literature	Hs.202407	AI697497	4985397	we14b06.x1 cDNA, 3' end /clone=IMAGE:2341043 /clone_end=3'	-1	ACATGTTACCTGGAGTAGCTGTGTCA ACAGATTAATATGGAATGCTACTA
5366	Table 3A	Hs.177708	AI697756	4985656	602369210F1 cDNA, 5' end /clone=IMAGE:4477370 /clone_end=5'	-1	TGGTTCCTGTGCTCACCATAGGGCTG GTGTACATTGGGCCATTAATAAAC
5367	Table 3A	Hs.206654	AI700738	4988638	EST368531 cDNA	-1	ACAGATCCCTATTGCCAGACACATCA TTCTCTCCATCCAGAAAGCAACA
5368	Table 3A	Hs.80887	AI701165	4989065	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog (LYN), mRNA /cds=(297,1835)	-1	TCTGGGAAAGACATTTTTAAGCTGCT GACTTCACCTGCAAAATCTAACAG
5369	Table 3A	Hs.102793	AI707589	4997365	RST17769 cDNA	-1	AGTCACGATAAACCTGGTCACTGAA AATTGAAATTGAGCCACTTCTCTG
5370	Table 3A	Hs.309433	AI707809	4997585	as28g09.x1 cDNA, 3' end /clone=IMAGE:2318560 /clone_end=3'	-1	AACTGGCGGCCCAACAAAACAGTG GGTTAAATGGGTCCCTGGGTGACAT
5371	Table 3A	Hs.107369	AI707896	4997672	as34a10.x1 cDNA, 3' end /clone=IMAGE:2319066 /clone_end=3'	-1	AGTGTTCCTCCACATCTAAAGAAAG CCCATTTTGAACCTGGATACTGCA
5372	Table 3A	Hs.176430	AI708327	4998103	at04c02.x1 cDNA, 3' end /clone=IMAGE:2354114 /clone_end=3'	-1	CCCAGGTGGCCCTCTCCATCAGAT GTTATTGCTCTTCCCATTTATTTA

Table 8

5373	Table 3A	Hs.300710	AI709236	4999012	RC0-MT0059-200600-021-g05 cDNA	-1	AAGATGCCTAAGCGTTAACCCAGGTGA AACAGGGGTGGGAGAGAGAAAGAA
5374	Table 3A	Hs.297184	AI720536	5037792	601502712F1 cDNA, 5' end /clone=IMAGE:3904539 /clone_end=5'	-1	GTCATACACCTATCCCCCATTTTCT CCTATCCCTCAACCCGGACATCAT
5375	Table 3A	Hs.313929	AI733018	5054131	oh60h01.x5 cDNA, 3' end /clone=IMAGE:1471441 /clone_end=3'	-1	GCAGGTGGCAGAATGGGGTGCATGA AGGTTTCTGAAAATTAACACTGCTT
5376	Table 3A	Hs.310333	AI735206	5056730	at07f03.x1 cDNA, 3' end /clone=IMAGE:2354429 /clone_end=3'	-1	ACAGAGAGGCAGCATTTGTTTCCAG TTAAAATTTGACCTCACTGTGATT
5377	Table 3A	Hs.277201	AI740667	5108955	wg07b07.x1 cDNA, 3' end /clone=IMAGE:2364373 /clone_end=3'	-1	CCCCCTTTGTGTGGTTTTATATTGG AACCCCTTTTCTTTGGAAGCTA
5378	Table 3A	Hs.204656	AI741246	5109534	wg26g09.x1 cDNA, 3' end /clone=IMAGE:2366272 /clone_end=3'	-1	CTGACCCCTTCTCACCCCTGCCAAC AGTGGTGGCATATATCACAAATGG
5379	Table 3A	Hs.299883	AI742850	5111138	hypothetical protein FLJ23399 (FLJ23399), mRNA /cds=(282,1769)	-1	TGTTTTACCTCACTGTTGGACATACAT TCCAAGCTTTTCAACTCTAGGAG
5380	Table 3A	Hs.6187	AI745230	5113518	wg10e05.x1 cDNA, 3' end /clone=IMAGE:2364704 /clone_end=3'	-1	CAGAACATGCCCAAAGAGCCTATAT CTTGCTGCTGGGAAATGTAAGCA
5381	Table 3A	Hs.293842	AI748827	5127091	601571679F1 cDNA, 5' end /clone=IMAGE:3838675 /clone_end=5'	-1	CAAACACCCGGCAGTTGAAAGGAAAA GGACGGGGAATGTGATGGAAGAG
5382	Table 3A	NA	AI749435	5127699	at24b04.x1 Barstead aorta HPLRB6 cDNA clone IMAGE:2356015 3' similar to gb:X55715 40S RIBOSOMAL PRO	-1	CCCCCTCCCTGCCCGGTGAGCTTT GGGGAACCCAAAATTAGATTTTGC
5383	Table 3A	Hs.204929	AI749444	5127708	at24c03.x1 cDNA, 3' end /clone=IMAGE:2356036 /clone_end=3'	-1	CCCAAATCCAAGGACCAATGCTGTTG TAAACAAGGGTAAAGGGCTAAA
5384	Table 3A	Hs.205071	AI760018	5175685	wh83b02.x1 cDNA, 3' end /clone=IMAGE:2387307 /clone_end=3'	-1	ACTCCACCAAGACTGTGAAGCTCCACC GGGGTAGGAAGCATATTTTACTCA
5385	Table 3A	Hs.160951	AI760020	5175687	wh83b05.x1 cDNA, 3' end /clone=IMAGE:2387313 /clone_end=3'	-1	GAGAAGCTCGTTTCAAGGAAGCTGATG TTTCCGGGGACCAAGCCCGCCAG
5386	Table 3A	Hs.340921	AI760026	5175693	wh83c05.x1 cDNA, 3' end /clone=IMAGE:2387336 /clone_end=3'	-1	CCAGCGAATTTCCAGCTTTTGAAACT CAGATTTCCTTTTGCCACCCAGGT
5387	Table 3A	Hs.28873	AI760224	5175891	wh62g06.x1 cDNA, 3' end /clone=IMAGE:2385370 /clone_end=3'	-1	GATGCGCGGCAAGAATGTACCTGTA GATGTGACATACCACAGTGCTGTA
5388	Table 3A	Hs.14373	AI760353	5176020	yx26h11.r1 cDNA, 5' end /clone=IMAGE:262917 /clone_end=5'	-1	TTTATCTCAGAATCTTGATGAAGCTCTG AAATGACCCCTGATGGGGCATG
5389	db mining	Hs.204598	AI760374	5176041	wh87d12.x1 cDNA, 3' end /clone=IMAGE:2387735 /clone_end=3'	-1	GGCCCTGTCTTACCTGTTTTCCGG CCCCCTTAATTTTTTAAACCCGGG
5390	db mining	Hs.283496	AI760389	5176056	wh87f08.x1 cDNA, 3' end /clone=IMAGE:2387751 /clone_end=3'	-1	GTCACAGTGTAGACACATGGTGCTTC CATAGTGAGTAGAATATCCATTGT
5391	db mining	Hs.340927	AI760556	5176223	wi10d09.x1 cDNA, 3' end /clone=IMAGE:2389841 /clone_end=3'	-1	GTGGCCTGGCCTGGCTCTCACAGAC CCAAGGCTTCCGTGATAGAAATATGTC
5392	db mining	Hs.205803	AI760674	5176341	wh96b04.x1 cDNA, 3' end /clone=IMAGE:2388559 /clone_end=3'	-1	GGATTGTGGCAGGAAGCTGTTCCCTT CCCAGCTTAAATTTTTCTGTGTT
5393	db mining	Hs.283497	AI760699	5176366	7f34c12.x1 cDNA, 3' end /clone=IMAGE:3296566 /clone_end=3'	-1	AAACCCACACCTCAGTGAATTTAAAA GAGTAGATGTTTTAAAGACCCGGA
5394	db mining	Hs.264654	AI760835	5176502	wh96f11.x1 cDNA, 3' end /clone=IMAGE:2388621 /clone_end=3'	-1	TGCCATTTGGTATTTTTCTGAAACA TTACATAATAAGAATGCAGCATGC
5395	Table 3A	NA	AI760901	5176568	wi09h06.x1 NCI_CGAP CLL1 cDNA clone IMAGE:2389787 3', mRNA sequence	-1	GCCTGAAACCATCCTGCCTTCTAGGA AGACAGCAATTCTGGAAGAGCAAAG
5396	db mining	Hs.230931	AI760991	5176658	wh97b11.x1 cDNA, 3' end /clone=IMAGE:2388669 /clone_end=3'	-1	GGTGGTTCCCGAGCCCTTTCCCTGG CCCTGGGTTGAAAAATTTGTTTTT
5397	db mining	Hs.328494	AI761029	5176696	wi10d06.x1 cDNA, 3' end /clone=IMAGE:2389835 /clone_end=3'	-1	AAAACCTTTCGCCCGGCTTAAATTT ACCGGGTGGTTTTATTTGGTTT
5398	Table 3A	Hs.98531	AI761058	5176725	wi99b03.x1 cDNA, 3' end /clone=IMAGE:2398541 /clone_end=3'	-1	CTCCTTGGTGTGCAACTGAGGAA CCTAATTGGCTGGGTGGGTGTTTC
5399	Table 3A	Hs.205452	AI761141	5176808	wh97g08.x1 cDNA, 3' end /clone=IMAGE:2388734 /clone_end=3'	-1	GTTTGTAAGAAACCTGCCACATTTG TTGAAAAGTTAGACCCATCACAGC

Table 8

5400	Table 3A	NA	AI761144	5176811	wh97h01.x1 NCI_CGAP_CLL1 cDNA clone IMAGE:2388721 3', mRNA sequence	-1	CTCTTGGCTGCTGGCCTTTTGTCTT GTCATGGCTCATTAGCTCCCTAAA
5401	db mining	Hs.328495	AI761468	5177135	wh98e07.x1 cDNA, 3' end /clone=IMAGE:2388804 /clone_end=3'	-1	CCAGGGGTTTTAAATTTCTGAAGTT TTTGGGGCATTGTTGTTGG
5402	Table 3A	Hs.80887	AI761622	5177289	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog (LYN), mRNA /cds=(297, 1835)	-1	CCCCGCTTGCCTTTTATTTAGAACCC CCAAGTATTACCAATATGTTACA
5403	Table 3A	Hs.289834	AI761924	5177591	wg68h03.x1 cDNA, 3' end /clone=IMAGE:2370293 /clone_end=3'	-1	GCCGAAGCTCACAGAGGCTAAGTTA CACGCTTAGGTTCTTATTCCTAC
5404	Table 3A	Hs.204610	AI762023	5177690	wh89f04.x1 cDNA, 3' end /clone=IMAGE:2387935 /clone_end=3'	-1	AACCAGGTTTATGATGCTGAATAAAA CCATGGCATTAAAGAGGGCAAGAG
5405	db mining	NA	AI762158	5177823	wh90e05.x1 NCI_CGAP_CLL1 cDNA clone IMAGE:2388032 3' similar to gb:X64707 BREAST BASIC CONSERVED PR	-1	GGGTAAAGGAGGGCCGCTCCAAAAT TTTCCTTTTCCAGGAAGCCCTTG
5406	db mining	Hs.204771	AI762177	5177844	wh90g09.x1 cDNA, 3' end /clone=IMAGE:2388064 /clone_end=3'	-1	ATGCTGTGAGTGGTACACATGGCTGA GGTTATGATCTGTTAAAATATGTA
5407	Table 3A	Hs.205327	AI762557	5178224	wh92f07.x1 cDNA, 3' end /clone=IMAGE:2388229 /clone_end=3'	-1	TTCAATTAATTCCTCAACCCAATACTGT CTGGCTCCACCAACAGGAGCGG
5408	db mining	Hs.328503	AI762707	5178374	wh93d06.x1 cDNA, 3' end /clone=IMAGE:2388299 /clone_end=3'	-1	TGGTTTCTATTTAAAAACCTGGGTTA GGCCAAGGTTGGGGTTCGCCT
5409	db mining	Hs.204477	AI762719	5178388	wh93e10.x1 cDNA, 3' end /clone=IMAGE:2388330 /clone_end=3'	-1	CAACATTGCCTACCAGTTGCAGTTCA TTAGCCCGCTCCGCCCCAGCATTG
5410	db mining	Hs.205815	AI762739	5178406	wh93g11.x1 cDNA, 3' end /clone=IMAGE:2388356 /clone_end=3'	-1	CCTTTGGGGTGGGGGCTTTTCTCTTT TTGGCCGGTCAATTAAGGTTTTT
5411	Table 3A	NA	AI762741	5178408	wh93h02.x1 NCI_CGAP_CLL1 cDNA clone IMAGE:2388339 3', mRNA sequence	-1	CCCCTCCGGCTGTTTTAGAAGTTTT CCCGAATCCGTGATCCCTTACAA
5412	db mining	NA	AI762797	5178464	wi04c12.x1 NCI_CGAP_CLL1 cDNA clone IMAGE:2389270 3' similar to TR:Q61655 Q61655 EUKARYOTIC TRANSLA	-1	AATGGGCAAAATTTACCCAAAACCTTA AGCTTGCTATTCGGTTTGAGGCA
5413	Table 3A	Hs.333513	AI762870	5178537	wi63c07.x1 cDNA, 3' end /clone=IMAGE:2397996 /	-1	GAAGGAGAGGCACACAAAATACAC ACACTCACAAAACTCAACAACCA
5414	db mining	Hs.204480	AI762931	5178598	wh94e08.x1 cDNA, 3' end /clone=IMAGE:2388422 /clone_end=3'	-1	GGATACCCCTTTATCCCGAGGGAAT TTTTACCCCTTGGATGCCTTTAAA
5415	db mining	Hs.289836	AI762955	5178622	wh94g12.x1 cDNA, 3' end /clone=IMAGE:2388454 /clone_end=3'	-1	CAAATTACAACCTAAAATACAGAA CATCAGCGGAGAAGACAGGAGAGC
5416	db mining	Hs.277238	AI763079	5178746	wh95a12.x1 cDNA, 3' end /clone=IMAGE:2388478 /clone_end=3'	-1	CTCCTCCCTGGGTGGGACCTGGGT TGGGGGTTGATAGAAAAATTAACC
5417	Table 3A	Hs.173904	AI763121	5178788	wi06d12.x1 cDNA, 3' end /clone=IMAGE:2389463 /clone_end=3'	-1	GGTTAAACTAGATCCCTGCAAGGCCA TCACCTCCATCCAAGTTGTTACT
5418	Table 3A	Hs.190453	AI763206	5178873	wh95e09.x1 cDNA, 3' end /clone=IMAGE:2388520 /clone_end=3'	-1	AGTGGGTTATTTAGATCTTTCTCTG GGGTTCAAGTCACATAGCTTAAC
5419	db mining	Hs.283500	AI763225	5178892	UH-H-BW1-anj-a-06-0-UI.s1 cDNA, 3' end /clone=IMAGE:3082282 /clone_end=3'	-1	TGTTTGGGTATATTGTTGGGTTTTG GGCACTAGGATGGGTGACTCAGGG
5420	Table 3A	Hs.130059	AI763262	5178929	wi66c04.x1 cDNA, 3' end /clone=IMAGE:2398278 /clone_end=3'	-1	GCCAGTGAATCTAGTTTTGGCTATTC TGTATTTTGTCCAGTTTTCCCAT
5421	db mining	Hs.328504	AI763414	5179081	wh92a11.x1 cDNA, 3' end /clone=IMAGE:2388188 /clone_end=3'	-1	AACCATTTTCCCCGGGAACCCGTTT TGCCTGGTTCCGATTTTTTACCC
5422	Table 3A	Hs.36137	AI765153	5231662	hepatocyte nuclear factor 3, gamma (HNF3G), mRNA /cds=(0, 1043)	-1	CCGGGAAGCGGGTACTGGCTGTGT TTAATCATTAAAGGTACCGTGTCCG
5423	db mining	Hs.340947	AI766625	5233134	wi01f06.x1 cDNA, 3' end /clone=IMAGE:2388995 /clone_end=3'	-1	TTTTTCCCCTCCAAAATTCAGTGAT TACAGTTTTTGAACAGAACGGG
5424	Table 3A	NA	AI766638	5233147	wi02a10.x1 NCI_CGAP_CLL1 cDNA clone IMAGE:2389050 3', mRNA sequence	-1	TACGAGAAGTCAGGAAGTTTTGAAAT GGCAGTGACAGGAGACGGGGGAAG
5425	db mining	Hs.210276	AI766656	5233165	wi02d04.x1 cDNA, 3' end /clone=IMAGE:2389063 /clone_end=3'	-1	AAGGGCAGGCAATCAATTAATAATTA GCCGTAACAACAACCTCGGGGGTG
5426	Table 3A	Hs.223935	AI766706	5233215	wi02g11.x1 cDNA, 3' end /clone=IMAGE:2389124 /clone_end=3'	-1	AGTACACGGCCCTCAAAGTTATATG TGCTGAATGTAACCTACTAGCGA

Table 8

5427	Table 3A	Hs.89104	AI766963	5233472	602590917F1 cDNA, 5' end /clone=IMAGE:4717348 /clone_end=5'	-1	TTGTTTTAACAACTTCTCAACATTT TGCCAGGTATTCTACTGTAACCA
5428	Table 3A	Hs.209511	AI768880	5235389	wh71e04.x1 cDNA, 3' end /clone=IMAGE:2386206 /clone_end=3'	-1	CTTCTCCACCTCGCCAGGTATAGG GCCAGCTTCTCGTCTCGGGATCCG
5429	Table 3A	Hs.203594	AI796317	5361780	uncharacterized gastric protein ZA43P mRNA, partial cds /cds=(0,134)	-1	GCCAGGTCATTGTATAGGGAGTAAGA TGAAGGTGAATTCGACGTAGTTG
5430	Table 3A	Hs.230939	AI796419	5361882	wj17f02.x1 cDNA, 3' end /clone=IMAGE:2403099 /clone_end=3'	-1	TGTGTTTTGTTTTCTGGTCCCAGGG CACCGTTTGTGTGGAACCTCTC
5431	db mining	Hs.291079	AI797561	5363033	602437732F1 cDNA, 5' end /clone=IMAGE:4556538 /clone_end=5'	-1	CATGGCTCTAAAATTTGGAATTAAGT CTCTTGCCTAAGAGCTGCTTGT
5432	Table 3A	Hs.159577	AI797788	5363260	wh78b11.x1 cDNA, 3' end /clone=IMAGE:2386845 /clone_end=3'	-1	GCTGGTGGGAAGTTGAGCCATGTTTA TCTCTAGTGAATCCTTACCTTGT
5433	db mining	Hs.207473	AI797813	5363370	wh79c04.x1 cDNA, 3' end /clone=IMAGE:2386950 /clone_end=3'	-1	CATGTTTACACAAATTCCTTCAAAGC CCCTTAAACATGGGGCCGGGCCCC
5434	db mining	Hs.171110	AI797852	5363409	7e88g03.x1 cDNA, 3' end /clone=IMAGE:3292276 /clone_end=3'	-1	ACCCTAATAGCTAGGCTGGGTATATT TCAAAGTGTAGCGAAACCCACG
5435	db mining	NA	AI797901	5363296	wh78f12.x1 NCI_CGAP_CLL1 cDNA clone IMAGE:2386895 3' similar to contains Alu repetitive element, m	-1	CAGTTGGCCTCCTACAATTGGGAATT CTACCAAGCTCCAAGTTGACCTGG
5436	db mining	Hs.226571	AI797916	5363311	DKFZp434G046_s1 cDNA, 3' end /clone=DKFZp434G046 /clone_end=3'	-1	GGATCCCCGACAAAGGCTTGATGTGT ACTTGAAGTGAGCAAAGGGTTTTG
5437	db mining	Hs.223520	AI797988	5363460	wh80a02.x1 cDNA, 3' end /clone=IMAGE:2387018 /clone_end=3'	-1	GGTGGGAGACAGGCTAATCCTTTTC CCCTTGTTTCCACGCTTTATGAC
5438	db mining	Hs.207062	AI798027	5363499	wh80e09.x1 cDNA, 3' end /clone=IMAGE:2387080 /clone_end=3'	-1	ACAACCTTCTTAATATATTAGAGACC GCAGAAACATTTAGTGGTGAAC
5439	db mining	Hs.341012	AI798028	5363500	wh80f11.x1 cDNA, 3' end /clone=IMAGE:2387085 /clone_end=3'	-1	GTACATGTTTGTGTCTAAATTTGCTC ATTTGGCAGTGATAGATTGAAAAAC
5440	db mining	Hs.229494	AI798100	5363583	wh81d01.x1 cDNA, 3' end /clone=IMAGE:2387137 /clone_end=3'	-1	GGGGGTCAAAGAGGTTACAAATGTA TGGGGGTATATTGAATGCTAAACAT
5441	db mining	Hs.328535	AI798101	5363584	wh81d02.x1 cDNA, 3' end /clone=IMAGE:2387139 /clone_end=3'	-1	GGGAGCCCGTTTTAGAAGGAAGGGC AAAAGTAGGGTTTTAACCCAAACG
5442	db mining	Hs.210307	AI798114	5363576	wh81c01.x1 cDNA, 3' end /clone=IMAGE:2387136 /clone_end=3'	-1	TCCGTCCCATTCCCCGGAAACAAG GTTTTGAATTTGCCCGTAAAGGG
5443	Table 3A	Hs.209609	AI798144	5363616	wh81g12.x1 cDNA, 3' end /clone=IMAGE:2387206 /clone_end=3'	-1	ACGTCCTTATACAATGCATGTTTGA TTTTTAAACAATACCTGAAGGGCT
5444	Table 3A	Hs.158989	AI799909	5365381	602666595F1 cDNA, 5' end /clone=IMAGE:4806358 /clone_end=5'	-1	ACTCAATACTCGGAAAGGCTTACAA TTTCTGGGACTCAGCATTATCCAA
5445	Table 3A	Hs.135167	AI802181	5367664	AV712376 cDNA, 5' end /clone=DCAAND12 /clone_end=5'	-1	TTGAGAGGCAACACTTAAACACTAGG GCTACTGTGGCATCTATGTAGACA
5446	Table 3A	Hs.195175	AI802547	5368019	mRNA for CASH alpha protein /cds=(481,1923)	-1	AGCCCTTTCTTGTGCTGTATGTTTA GATGCTTTCCAATCTTTTGTACT
5447	Table 3A	Hs.25648	AI803065	5368537	tumor necrosis factor receptor superfamily, member 5 (TNFRSF5), mRNA /cds=(47,880)	-1	GGGGTATGGTTAGTAATATCCACCA GACCTCCGATCCAGCAGTTTGGT
5448	Table 3A	Hs.301209	AI804629	5370101	myeloid/lymphoid or mixed-lineage leukemia (trithorax (Drosophila) homolog); translocated to, 10 (MLL10), mRNA /cds=(183,3266)	-1	AACAACAACAGCAAAATCCCCTTAGT GCGTAACTTGAATCCCTTCGGC
5449	db mining	Hs.209261	AI805106	5391760	tc90g10.x1 cDNA, 3' end /clone=IMAGE:2073474 /clone_end=3'	-1	TTGTAAGTGGGTGCATAAGAAGATCT CTTCAATTAATGCCCCGCTGGT
5450	Table 3A	Hs.187698	AI805111	5391765	cytomegalovirus partial fusion receptor mRNA, partial cds /cds=(0,1037)	-1	ATAATTAAGAAATCAGCCGTGTGCTT CTCAGCTTTGGGCTCCGAGACGTG
5451	Table 3A	Hs.167206	AI805131	5391785	602727149F1 cDNA, 5' end /clone=IMAGE:4866348 /clone_end=5'	-1	GTCAGTCTCCTCACCTGCCTCTGCTC CTCGCTTAGCCCATGATTGCATC
5452	db mining	NA	AI805144	5391798	td11g08.x1 NCI_CGAP_CLL1 cDNA clone IMAGE:2075390 3' similar to gb:L24038_ma1 A-RAF PROTO- ONCOGENE	-1	GGGAAGAAGCCCGTCCCCCACCCA ATAAATGTTGGTTTTGGCCCTGATG
5453	db mining	NA	AI805257	5391750	tc90f09.x1 NCI_CGAP_CLL1 cDNA clone IMAGE:2073449 3', mRNA sequence	-1	CAGAACTTCTGGCGAAGGCCATGTAA GAACTACTCCAAGGAGGAGAGGC

Table 8

5454	Table 3A	NA	AI807278	5393844	wf38h03.x1 Soares_NFL_T_GBC_S1 cDNA clone IMAGE:2357909 3', mRNA sequence	-1	CTCTACCATAAGGCACTATCAGAGAC TGCTACTGGAGTGATATTGGTT
5455	db mining	NA	AI808039	5394527	wf52h02.x1 Soares_NFL_T_GBC_S1 cDNA clone IMAGE:2359251 3' similar to TR:Q62845 Q62845 NEURAL CELL	-1	ACTGCTACAGCTTAACCATTGTTCCA AGCTAATTAATAACCTTTGGGGA
5456	Table 3A	Hs.87912	AI808931	5395497	EST379776 cDNA	-1	CAATTGTGATTTGGAAGGTTTAACTG GGCTGCCAGATGTTTACGAATA
5457	db mining	Hs.209989	AI809181	5395747	wh75d05.x1 cDNA, 3' end /clone=IMAGE:2386569 /clone_end=3'	-1	TCCAAGCAAAAGTTATGCAATAAGAC AGAATATAAAGTCTCCGAGAGCCT
5458	db mining	Hs.230485	AI809184	5395750	wh75d08.x1 cDNA, 3' end /clone=IMAGE:2386575 /clone_end=3'	-1	GGGTGGGGTGGGGTGAGAGTGTGTG GAGTAAGGACCTTCAGAAATTAAT
5459	db mining	Hs.292761	AI809305	5395871	wh75g11.x1 cDNA, 3' end /clone=IMAGE:2386628 /clone_end=3'	-1	TGCAGTCTTATTTTCTTTTGCCTGTG ATAATTGCAATCCGTCATAGAA
5460	Table 3A	Hs.210385	AI809310	5395876	wh75h08.x1 cDNA, 3' end /clone=IMAGE:2386623 /clone_end=3'	-1	TGCAAGTTTCTGAGACTGTGAAAAGT GTTTGTCTCTTTGTACCCAAT
5461	db mining	Hs.90463	AI809378	5395944	wa27e12.x1 cDNA, 3' end /clone=IMAGE:2299342 /clone_end=3'	-1	TCCCAGCGAATGTGAATCATTTAGTG TGCTACTCAAATAGGTGTCCAC
5462	Table 3A	Hs.257466	AI809475	5396041	UI-H-BI3-ald-e-08-0-UI.s1 cDNA, 3' end /clone=IMAGE:2736471 /clone_end=3'	-1	TAAGATGTAGGGGCCACCGCCAGC AGTACCCAGCAATGACCACATCAG
5463	db mining	Hs.208153	AI809564	5396130	wh76e01.x1 cDNA, 3' end /clone=IMAGE:2386680 /clone_end=3'	-1	ATAAATGAAAGCATACCAAGTGCTGT CCATTCCATAGGTACAACATATGGA
5464	db mining	Hs.310486	AI809746	5396312	7e96g11.x1 cDNA, 3' end /clone=IMAGE:3293060 /clone_end=3'	-1	CTGGTATTCTGAGGTCAGATGTAGGC TGTTGCTCGCTCCGGCTGGGCTC
5465	Table 3A	Hs.277293	AI811065	5397631	tr03f05.x1 cDNA, 3' end /clone=IMAGE:2217249 /clone_end=3'	-1	CCATCGGGGGTATTGGGGTTTGGG CTGAATTTACTTGATTATTGAAAA
5466	Table 3A	Hs.86693	AI817153	5436320	EST380760 cDNA	-1	GCCAGATTGTGGCAGGTAAGAGAC AATGTAATTTGCACTCCCTATGATA
5467	Table 3A	Hs.230492	AI818596	5437675	wk74d04.x1 cDNA, 3' end /clone=IMAGE:2421127 /clone_end=3'	-1	TTTAAAAGGAGGGAGGATTTCTGGG TTAAAACTTTTATTGGCCCCCAT
5468	Table 3A	Hs.229990	AI818777	5437856	wf11f10.x1 cDNA, 3' end /clone=IMAGE:2424619 /clone_end=3'	-1	TAAAACCCAAGACTTCAGATTCAGCC GAATTGTGGTGTTCACAAGGCCG
5469	Table 3A	NA	AI818951	5438030	wj89e12.x1 NCI_CGAP_Lym12 cDNA clone IMAGE:2410030 3' similar to WP:C11H1.7 CE18492 ;contains Alu r	-1	CTAAGCATGGGAAGGGGCAGAGT GAGGACTGTGCCATTGATTAAGTG
5470	Table 3A	Hs.51039	AI823541	5444212	KIAA0076 gene product (KIAA0076), mRNA /cds=(86,5182)	-1	GTACAGAAACATATTCATGCTTTGA AATAAAGGGAAGTGCTCTCCTGTT
5471	Table 3A	Hs.211535	AI823649	5444320	wi85g03.x1 cDNA, 3' end /clone=IMAGE:2400148 /clone_end=3'	-1	GAAGCCTTTTCTTTCTGTTCACCCCTC ACCAAGAGCACAACTTAATAGG
5472	Table 3A	Hs.304477	AI824522	5445193	tx71d03.x1 cDNA, 3' end /clone=IMAGE:2275013 /clone_end=3'	-1	ACCGATCGTTTTAGGATAATATGCA TGTTTCAAGTGGTATTGAAACCCCC
5473	db mining	Hs.270624	AI825096	5445859	7b65e05.x1 cDNA, 3' end /clone=IMAGE:3233120 /clone_end=3'	-1	TGAGGACAGGCTGCCTAAAGTCTAA TTGGAGAGTTAACCTAATGTCTGT
5474	Table 3A	Hs.117906	AI825645	5446316	wb75b09.x1 cDNA, 3' end /clone=IMAGE:2311481 /clone_end=3'	-1	CACCATCGTGCTCTGAGAACTGAC GCCGTGAATGTTGACCTGAGTGCCG
5475	Table 3A	Hs.229993	AI827451	5448122	wf17d11.x1 cDNA, 3' end /clone=IMAGE:2425173 /clone_end=3'	-1	GGGAGAGACCACCCTAGACATTTG CATTTTTGTAAGTTAGCCAGCCAAT
5476	Table 3A	Hs.181400	AI827911	5448669	602650370T1 cDNA, 3' end /clone=IMAGE:4761353 /clone_end=3'	-1	TGGATAAATCTGAGCAACTTCTTCTT TGTGCTCCAGGAACCTACGCACT
5477	Table 3A	Hs.342617	AI827950	5448708	ha15h10.x1 cDNA, 3' end /clone=IMAGE:2873827 /clone_end=3'	-1	TGTGGGTTTTGATTGACATACTGTTG TTCATGCTGAAGTTTGAGTGTCTG
5478	Table 3A	Hs.132238	AI829569	5450240	wf28e02.x1 cDNA, 3' end /clone=IMAGE:2358922 /clone_end=3'	-1	GGTGTGCAGTCCGCCTGAAAGCCTT CCCTTTAGCTATTAGGAATTGAGTC
5479	db mining	Hs.289878	AI831819	5452490	wh84f12.x1 cDNA, 3' end /clone=IMAGE:2387471 /clone_end=3'	-1	ACATTGAAAAGAAACCCACAACTGT AATGAATATGAAAAGAATTGTCTAAAA
5480	Table 3A	Hs.341177	AI832038	5452709	wj99e02.x1 cDNA, 3' end /clone=IMAGE:2410970 /clone_end=3'	-1	AAAACCGTTTTCCCATACATAAAGA ACAGGGGTACTCCCGCCCTGATGG

Table 8

5481	Table 3A	Hs.210995	AI832182	5452853	td13h11.x1 cDNA, 3' end /clone=IMAGE:2075589 /clone_end=3'	-1	TTTGGTGAAGTGAAAGAGAGAAGTTG CTCTAAAAGGTTGGAAACCAGCCC
5482	Table 3A	Hs.249031	AI832183	5452854	wh80g09.x1 cDNA, 3' end /clone=IMAGE:2387104 /clone_end=3'	-1	TGGACTGTTGTAATGTTTTGCGTTAT CAAAATGAAAAGTCCCAAATGAGA
5483	Table 3A	Hs.63908	AI858771	5512387	hypothetical protein MGC14726 (MGC14726), mRNA /cds=(21,653)	-1	GCTTTGAGTTTTGGGATGGTCACATG ACACAATCCAGCACTTGAACCTGA
5484	Table 3A	Hs.252259	AI859076	5512692	ribosomal protein S3 (RPS3), mRNA /cds=(22,753)	-1	AGAGCCATTTCCACAAAGTAAATGTG CAGTGCCCATGTTTCTTGTTTA
5485	Table 3A	NA	AI860120	5513736	wh39e01.x1 NCI_CGAP_Kid11 cDNA clone IMAGE:2383128 3', mRNA sequence	-1	GACTCTGAGAGAGCGCAGGCCAT CATAGAACAGCGAAGGCAGTCGATC
5486	db mining	Hs.156811	AI862332	5526439	hz33g10.x1 cDNA, 3' end /clone=IMAGE:3209826 /clone_end=3'	-1	ATCGATGAGAAGAGTCTGCCAAAACAC TTCATCCTCAGGACGTGCTGTCT
5487	db mining	Hs.304508	AI862595	5526702	wh99g01.x1 cDNA, 3' end /clone=IMAGE:2388912 /clone_end=3'	-1	ATATATTAACCACAGGTATTAGAGA CATGAATTGCACCCAAACACAGCT
5488	Table 3A	NA	AI862623	5526730	wh99h10.x1 NCI_CGAP_CLL1 cDNA clone IMAGE:2388931 3', mRNA sequence	-1	ATTCATTCGGGCTTCTCTTCTTCCG CCCCCTTCTTCCATTGGCACCTC
5489	Table 3A	Hs.181426	AI865427	5529523	EST367815 cDNA	-1	TCAGTTTTGTGGAATCTGGTGTTCG ACTATAGGTTAAGAGTTGCCATTT
5490	Table 3A	Hs.341208	AI865603	5529710	wk47g03.x1 cDNA, 3' end /clone=IMAGE:2418580 /clone_end=3'	-1	TGTGTGGTGGGGTGCCTTTGAGGTT GGAGGAAAGTAGAGACAGCGAAAC
5491	Table 3A	Hs.9788	AI866194	5530301	hypothetical protein MGC10924 similar to Nedd4 WW-binding protein 5 (MGC10924), mRNA /cds=(104,769)	-1	TGTGCTTTTTGCCAAGTGGAATTC ATCTTGTTTGCTATGTTAAAAC
5492	Table 3A	Hs.224760	AI874107	5548156	wm49b01.x1 cDNA, 3' end /clone=IMAGE:2439241 /clone_end=3'	-1	CTTTGGGGACCTAAACCCAGGTGG TCTCTGGTGTAAATATGCTGGAA
5493	Table 3A	NA	AI880542	5554591	at80h05.x1 Barstead colon HPLRB7 cDNA clone IMAGE:2378361 3' similar to SW:ATP6_HUMAN P00846 ATP SY	-1	AAATCGCGGTGCGCTTAATCCAAGCC TAGGTTTTACACTTTTAGTAAGC
5494	Table 3A	Hs.220850	AI880607	5554658	ym91d11.r1 cDNA, 5' end /clone=IMAGE:166293 /clone_end=5'	-1	TGGGGCACTTTGAAAACCTCACAGGC CCACTGCTGCTTGCTGAAATAAAA
5495	Table 3A	Hs.89414	AI884548	5589712	chemokine (C-X-C motif), receptor 4 (fusin) (CXCR4), mRNA /cds=(88,1146)	-1	GACATTCATCTGTTCCACTGAGTCT GAGTCTCAAGTTTCACTCCAGC
5496	Table 3A	Hs.23096	AI884671	5589835	602254146F1 cDNA, 5' end /clone=IMAGE:4346626 /clone_end=5'	-1	TGGCGAGGATAAATAGAGGCATTGTT TTTGCTACTTTGCATATCATTGGC
5497	db mining	Hs.34650	AI885574	5590738	602286784T1 cDNA, 3' end /clone=IMAGE:4375724 /clone_end=3'	-1	TGGCTCTCCTCTTTGTAATATACAGG GTGAACTCTTTACTGATACACACA
5498	Table 3A	Hs.121572	AI886313	5591477	EST387650 cDNA	-1	CCAGTGTCTGCATGGGTGCTAGGC TGAATTATTTGTAATTGTGCTTAGG
5499	Table 3A	Hs.213385	AI912585	5632440	we11d07.x1 cDNA, 3' end /clone=IMAGE:2340781 /clone_end=3'	-1	ACCGTCTTTTGTGATCCCGTGAAC CCTTAATTCAATAGTCTGACTGA
5500	Table 3A	Hs.228488	AI917348	5637203	ts83d10.x1 cDNA, 3' end /clone=IMAGE:2237875 /clone_end=3'	-1	AGCCCTGGGTAGCCAAGTGATTTTCC CATTCCCAAAGTTAGTAAACCTTT
5501	Table 3A	Hs.179391	AI917642	5637497	wi52d11.x1 cDNA, 3' end /clone=IMAGE:2393877 /clone_end=3'	-1	GCAGGAAAGATGGGGTGGTGGACTG TTTTTGCTACTTTTTGTTTTGAA
5502	Table 3A	Hs.337286	AI922889	5658853	wn64g11.x1 cDNA, 3' end /clone=IMAGE:2450276 /clone_end=3'	-1	CCCCCTGAAACTGGCATTTTGTAAT GTGGTTTGACTATTTTTGTATGTT
5503	Table 3A	Hs.212553	AI922921	5658885	wn81c05.x1 cDNA, 3' end /clone=IMAGE:2452232 /clone_end=3'	-1	ACCTGAGAAATCCCTAAGGCCAAAG CAAGGTAACAGGGACTTCAGTTTT
5504	Table 3A	Hs.58643	AI926251	5662139	602438603F1 cDNA, 5' end /clone=IMAGE:4564968 /clone_end=5'	-1	GCCTCAGTACAAAGGGGCTTTGGA AGTGTGTTGTGGCTGAATAAAGGAA
5505	Table 3A	Hs.40328	AI927454	5663418	nab63b04.x1 cDNA, 3' end /clone=IMAGE:3272383 /clone_end=3'	-1	ACCCATGCCAATTGAAGAACGTGTTA AAGATGAGGAGGAGAGATGTACCA
5506	db mining	Hs.154366	AI934956	5673826	ng40b06.s1 cDNA, 3' end /clone=IMAGE:937235 /clone_end=3'	-1	GCACATTCCTTCTTATATCCTGGAA GCACCCAGATATCTTCAATGTCCC
5507	Table 3A	Hs.101370	AI936516	5675386	AL583391 cDNA /clone=CSODL012YA12-(3-prime)	-1	TTAAGTCATCTGCTGAGCAGTGTGCT GTGTCAACCTCCTCCTAGGTAACC
5508	Table 3A	Hs.180448	AI948513	5740823	importin beta subunit mRNA, complete cds /cds=(337,2967)	-1	CAGGGTATCAGATATTGTGCCTTTG GTGCCAGGTTCAAAGTCAAGTGCC
5509	Table 3A	Hs.71245	AI954499	5746809	zl17f11.r1 cDNA, 5' end /clone=IMAGE:502221 /clone_end=5'	-1	TGGTAATAGTGTGTTGACTCCAGGGAA GAACAGATGGGTGCCAGAGTGAAA

Table 8

5510	Table 3A	Hs.118820	AI955314	5747624	Homo sapiens, clone IMAGE:3357862, mRNA, partial cds /cds=(0,325)	-1	TCAAGTATACCATTTAAAAATTTTCAT CAGGCAGAGCCCTGACCAGGAAA
5511	db mining	NA	AI961962	5754664	wt40g09.x1 NCI_CGAP_Pan1 cDNA clone IMAGE:2509984 3' similar to gb:M87789 IG GAMMA-1 CHAIN C REGION	-1	CTTTTCCGGTTGCCCGAGGATGCTTG GGAAGGAACCCGCTCCCTTCTTC
5512	Table 3A	Hs.341528	AI962127	5754840	wx77f07.x1 cDNA, 3' end /clone=IMAGE:2549701 /clone_end=3'	-1	TCCCCAAACCCCTTAAGGTTTTTA AATTGTTTCAAATCTGGGCAAGTT
5513	Table 3A	Hs.37121	AI968387	5765205	phospholipase C, beta 3 (phosphatidylinositol-specific) (PLCB3), mRNA /cds=(0,3704)	-1	GACTCGGAGAGCCAGGAGGAGAACA CGCAGCTCTGAACTGGCTGAGCGAG
5514	db mining	Hs.13034	AI969716	5766534	hv63f09.x1 cDNA, 3' end /clone=IMAGE:3178121 /clone_end=3'	-1	CTGTTGTGAATCATTTGTGTCCTTTTC AACTGTCTTTCAGAGGAAAGGTA
5515	Table 3A	Hs.193247	AI978581	5803611	hypothetical protein DKFZp434A171 (DKFZp434A171), mRNA /cds=(113,2584)	-1	AAGAAGCAACCACAGCTAATTTTAGA ACATGCACCTCTGACAGAAAAGACA
5516	Table 3A	Hs.153	AI984074	5811293	ribosomal protein L7 (RPL7), mRNA /cds=(10,756)	-1	GCTTTTGAGGACCTTTCTGGAGGAAA GGAAAAGCCGTGTTTTGGGGAGTCT
5517	Table 3A	Hs.7557	AL042081	5421426	FK506-binding protein 5 (FKBP5), mRNA /cds=(153,1526)	-1	AGGCTGCATATGGATTGCCAAAGTCAG CATATGAGGAATTAAGACATTGT
5518	Table 3A	Hs.133262	AL044498	5432716	DKFZp434I082_s1 cDNA, 3' end /clone=DKFZp434I082 /clone_end=3'	-1	AAGACTAGAGCTACACTAGGCCACTA TCTTATTACAGCAGCAGCAACAT
5519	Table 3A	Hs.39911	AL138429	6855110	mRNA for FLJ00089 protein, partial cds /cds=(62,1111)	-1	TTAAGAACCCTAAAGATTAAGAGAAA CAATGTTAAGGGCTTTGTGAGGA
5520	Table 3A	Hs.89986	AL515381	12778874	cDNA /clone=CL0BB017ZH06-(3-prime)	-1	CGGAAAGTCGAAATCAAATCTATGCTT TTAATTGAAACCGTGCTGAAACCG
5521	Table 3A	Hs.9096	AL520535	12784028	hypothetical protein FLJ20473 (FLJ20473), mRNA /cds=(57,1472)	-1	TCTTCACCAGGTTCAAGCTCCGTTGGG CCACACTGCTGCTGGCCAAAGAG
5522	Table 3A	Hs.13144	AL521097	12784590	HSPC160 protein (HSPC160), mRNA /cds=(53,514)	-1	GATACACTGTCCAGCCAGGTCAG GCCCTAGGTTCTTACTCTAGCTAC
5523	Table 3A	Hs.118142	AL522477	12785970	AL522477 cDNA /clone=CS0DB008YK14-(3-prime)	-1	TGGAATTTACTAAATTTGTAAATTAAC GTAACCGAAGCAACAACCGGCAA
5524	Table 3A	Hs.295112	AL528020	12791513	KIAA0618 gene product (KIAA0618), mRNA /cds=(1041,4040)	-1	GCGGGAGGCTGGGACTTTCCATTAC AAATAGAGACTTCAATCTGTGAG
5525	Table 3A	Hs.26670	AL540260	12870241	AL540260 cDNA /clone=CS0DF032YF03-(3-prime)	-1	ACTCAGGTGGTGGTGTAGTGAT GCTGGAGAAGGAATATTACTGGT
5526	Table 3A	Hs.285013	AL543900	12876379	putative HLA class II associated protein I (PHAP1), mRNA /cds=(148,897)	-1	CAGGTTGCTTTCGTGCTCCCTCTCTG GTTGCTTTAGAAGTGACGTGTAAT
5527	Table 3A	Hs.183232	AL561892	12909772	hypothetical protein FLJ22638 (FLJ22638), mRNA /cds=(12,476)	-1	AAACACAGCCACCCCATTTTCAGACC GCCTTCCTGAGGAGAAAATGACAG
5528	Table 3A	Hs.21812	AL562895	12911771	AL562895 cDNA /clone=CS0DC021YO20-(3-prime)	-1	GCTAACTGGATAAAGTTTGTGCAGAC ATTCTGAGTGACGATATTGACC
5529	Table 3A	Hs.21812	AL562895	12911771	AL562895 cDNA /clone=CS0DC021YO20-(3-prime)	-1	GCTAACTGGATAAAGTTTGTGCAGAC ATTCTGAGTGACGATATTGACC
5530	Table 3A	Hs.181165	AL565736	12917408	eukaryotic translation elongation factor 1 alpha 1 (EEF1A1), mRNA /cds=(53,1441)	-1	AGCTGGCTCACTGCTCAGGTGATTA TCCTGAACCACAGGCCAAATAAG
5531	Table 3A	Hs.77393	AL567986	12921892	farnesyl diphosphate synthase (farnesyl pyrophosphate synthetase, dimethylallyltransferase, geranyltransferase) (FDPS), mRNA /cds=(114,1373)	-1	AGTCAGGACTGTCTAGGTCAGGGAA GCCAAGATGTCTGAAGAGAGAGGAA
5532	Table 3A	Hs.13256	AL570416	12926702	AL570416 cDNA /clone=CS0DI020YK05-(3-prime)	-1	ATTCAACCAGTAATGGTACCTGAGGA ATTGAAATGGGTAATTTGTTTCTGT
5533	Table 3A	Hs.180546	AL571386	12928631	AL571386 cDNA /clone=CS0DI009YL09-(3-prime)	-1	AGTGGAGAGGCCCTGTAGTTTACTT TTCATATTGAGTGATGCATGAGGT
5534	Table 3A	Hs.21732	AL573787	12933363	AL573787 cDNA /clone=CS0DI055YM17-(3-prime)	-1	GCATTTCTATTTAAAAGGGAGTGGGG AGCAAATGAAAATTAATGTGGGG
5535	Table 3A	Hs.23294	AL574514	12934790	hypothetical protein FLJ14393 (FLJ14393), mRNA /cds=(60,1454)	-1	TCACCAGGAAAACATGCTTGTGAATT GTGCAGTAAAAGGTGGTAATGACT
5536	Table 3A	Hs.181392	AL575666	12937052	major histocompatibility complex, class I, E (HLA-E), mRNA /cds=(7,1083)	-1	CCTTTTCTCTCCATGACCCCTTAACA GCATCTGCTTCATTCCTCCACC
5537	Table 3A	Hs.85258	AL575755	12937231	CD8 antigen, alpha polypeptide (p32) (CD8A), mRNA /cds=(85,772)	-1	CTGAGAGCCCAACTGCTGTCCCAA CATGCACCTCCTTGCCTAAGGTAT
5538	Table 3A	Hs.169810	AL576149	12938006	mRNA for transmembrane glycoprotein (CD44 gene) /cds=(178,2406)	-1	TGAGTGAACAAAGCTGTGAACATTC TGCGTTATGCAACTTCTTGCCT
5539	Table 3A	Hs.174905	AL577970	12941605	mRNA for KIAA0033 gene, partial cds /cds=(0,1008)	-1	CAAGAAGACAAGCATCTGTGGTGGC GAGGCAAGCAGGCTAACTAGGATTT
5540	Table 3A	Hs.5057	AL578975	12943566	AL578975 cDNA /clone=CS0DK012YN01-(3-prime)	-1	TTGGCCAGCTGTGATTGATTGCTTTA TCTTTGGTACTTTTACTTGAATGG
5541	Table 3A	Hs.278555	AL582047	12949849	AL582047 cDNA /clone=CS0DL003YD01-(3-prime)	-1	CATCCAGCTAATTTTTCATGCATTA TGAAAGGATGCCTGAGGACCTT
5542	Table 3A	Hs.198296	AL582354	12950255	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 2 (SMARCA2), mRNA /cds=(297,5015)	-1	AGCCTGAGGCAATAAAATCCAGTA ATTTGGAAGAATGGGTGTGGCAA

Table 8

5543	Table 3A	Hs.101370	AL583391	12952309	AL583391 cDNA /clone=CSODL012YA12-(3-prime)	-1	AGGACCTTGACAAGCCGTTTGAGATG GAATGTAGGCCCTGATGTTATGCT
5544	Table 3A	Hs.101370	AL583391	12952309	AL583391 cDNA /clone=CSODL012YA12-(3-prime)	-1	AGGACCTTGACAAGCCGTTTGAGATG GAATGTAGGCCCTGATGTTATGCT
5545	Table 3A	Hs.7187	AU158636	11020157	mRNA for KIAA1757 protein, partial cds=(347,4576)	-1	AGTGGAGTGTTTACACCTTGCTGTAA CATTGAACCTTTCACAAAGAGATGT
5546	Table 3A	Hs.86671	AV648638	9869652	602079785F2 cDNA, 5' end /clone=IMAGE:4254068 /clone_end=5'	-1	ATATCATATTATTTGATGCCATTAGGC GGCCTGGATCACCAATTCTAAGT
5547	Table 3A	Hs.343475	AV648670	9869684	601556208T1 cDNA, 3' end /clone=IMAGE:3826392 /clone_end=3'	-1	GCCACCAGACAGAAGGACGAGTGT TCTGATTATAACAATGATCTGGG
5548	Table 3A	Hs.2730	AV650434	9871448	heterogeneous nuclear ribonucleoprotein L (HNRPL), mRNA /cds=(28,1704)	-1	TGTTGGTGAGCAATGTGCAGAGGCCA GAGCCGCTGAAGTATGGTTCCTGAG
5549	Table 3A	Hs.312582	AV651615	9872629	601439711F1 cDNA, 5' end /clone=IMAGE:3924482 /clone_end=5'	-1	GGCTGCTGTTGACTGAAATTCCTATC CTCAAATTACTCTAGACTGAAGCT
5550	Table 3A	Hs.5897	AV653169	9874183	cDNA FLJ13388 fis, clone PLACE1001168 /cds=UNKNOWN	-1	CTTTTTAGTAGGCAAAGGTTCTTCTTC CTCCTCTTTTGGTGCAGGGACGC
5551	Table 3A	NA	AV654188	9875202	AV654188 GLC cDNA clone GLC DTC01 3', mRNA sequence	-1	GCGTGTATGTGGGATGCCATAGGTG TGACTGTAGAGTCATTCTTCTCC
5552	Table 3A	Hs.38218	AV659358	9880372	602569369F1 cDNA, 5' end /clone=IMAGE:4693744 /clone_end=5'	-1	TGTAAGTTGACTTTCAAAAGTCTCTG GAAACTGGACTTAGCTGGTCC
5553	Table 3A	Hs.133333	AV661783	9882797	AV661783 cDNA, 3' end /clone=GLCGXE12 /clone_end=3'	-1	GAAGCGTGGCAGAGAAGCTATGGATC AGGCAGCCCCTCTCATCTTACCAT
5554	Table 3A	Hs.85844	AV700210	10302181	neurotrophic tyrosine kinase, receptor, type 1 (NTRK1), mRNA /cds=(0,2390)	-1	TTGGTCCAAACTCTGGAGCCTTGTGG GAGAACATAGGGCATAACGTGTTT
5555	Table 3A	Hs.285173	AV700298	10302269	602632207F1 cDNA, 5' end /clone=IMAGE:4777537 /clone_end=5'	-1	CCCTTCTTAGTAAAGAGACATCTTCT ACAGTAACCACAGAGAAGAAGTGG
5556	Table 3A	Hs.238730	AV700542	10302513	hypothetical protein MGC10823 (MGC10823), mRNA /cds=(63,1235)	-1	TGGACATAACCTGGGTGAGAGAGAA ACTTTTGAAGCTACACGAACAAGC
5557	Table 3A	Hs.284674	AV700636	10302607	AV700636 cDNA, 3' end /clone=GKBAGH12 /clone_end=3'	-1	CGGCTCAAATAAACCTTACCGGATT TTTGGGGTTATGCCACACCCCTTG
5558	Table 3A	Hs.240077	AW002624	5849540	wu60d10.x1 cDNA, 3' end /clone=IMAGE:2524435 /clone_end=3'	-1	GGACCACTAGTACTTCCAGAACCATAA TATAACTAGACATGCCTGGAATGC
5559	Table 3A	Hs.301704	AW002985	5849991	eomesodermin (Xenopus laevis) homolog (EOMES), mRNA /cds=(0,2080)	-1	AACAAGCCATGTTTCCCTAGTCCAG GATTGCCTCACTTGAGACTTGCTA
5560	Table 3A	NA	AW004905	5853768	wz82d03.x1 NCI_CGAP_Gas4 cDNA clone IMAGE:2565317 3' similar to SW:ATP6_HUMAN P00846 ATP SYNTHASE A	-1	TCTACTGACTATCCTAGAAATCGCTG TCGCCTTAATCCAAGCCTACGTTT
5561	Table 3A	Hs.173280	AW005376	5854154	ws94a12.x1 cDNA, 3' end /clone=IMAGE:2505598 /clone_end=3'	-1	GAGAAACTCCGTGCATGAAGGTTTC CTCCTTGACTCGGCAGCAGCGGCC
5562	Table 3A	Hs.233560	AW006045	5854823	wz81b09.x1 cDNA, 3' end /clone=IMAGE:2565209 /clone_end=3'	-1	CCAAGTAGGTTTTAACTCTGGTATGG TCTCGTGTTCATTGTTGTGCA
5563	Table 3A	Hs.159643	AW006352	5855130	wt04d12.x1 cDNA, 3' end /clone=IMAGE:2508487 /clone_end=3'	-1	GTTCCACGGAGCTGACTTCTCCGG GGTGCCGTGCGCCTACATTAACCC
5564	Table 3A	Hs.231987	AW006867	5855645	602320903F1 cDNA, 5' end /clone=IMAGE:4424065 /clone_end=5'	-1	CCGTAACTCCGACAAACGCGAAGCTT CTTGAGGCTTCTTCTCTAAAGGA
5565	db mining	Hs.157118	AW009081	5857859	ws76g10.x1 cDNA, 3' end /clone=IMAGE:2503938 /clone_end=3'	-1	TCTGGACCCTGCTTGGGTTACAGCA TTGGTGGAGGTAAGTAGTATTCTC
5566	Table 3A	Hs.134272	AW009671	5858449	ws85g09.x1 cDNA, 3' end /clone=IMAGE:2504800 /clone_end=3'	-1	GAAGAGGAAGCTCATCCGAAGTCTTC CGACAGAGTGAGCCGTCATGCCCG
5567	db mining	Hs.131887	AW009730	5858508	602415255F1 cDNA, 5' end /clone=IMAGE:4523725 /clone_end=5'	-1	AGTGTGATTTCTGATGTTTATTGGCT CATGTGGACAGAAATGTACAGGG
5568	Table 3A	Hs.232000	AW016002	5864759	UI-H-B10p-abh-h-08-0-UI.s1 cDNA, 3' end /clone=IMAGE:2712035 /clone_end=3'	-1	AGATGAGGCTGCTCTGAAGATTCACT AATTAGGATGGACAGTCAGCTACT
5569	Table 3A	Hs.233261	AW026667	5880120	wv15d09.x1 cDNA, 3' end /clone=IMAGE:2529617 /clone_end=3'	-1	TGGGCTTGGGGTTCAGTTGTTTACC TTTGGAGACTTATTAATGAAACC
5570	Table 3A	Hs.101340	AW026713	5880166	EST380762 cDNA	-1	CAGTGGTTCCTGAGAGAATCTTAGTT CAAAGGACTGCCCCGCCAACCC
5571	Table 3A	NA	AW027160	5885916	wt72b08.x1 Soares_thymus_NHFTh cDNA clone IMAGE:2512883 3' similar to contains Alu repetitive eleme	-1	ACCGCCAAAGCCAATCATCCTCCATTC AGTACTTACCTAACCAATCTCCCA

Table 8

5572	Table 3A	Hs.233564	AW027530	5886286	wv74c06.x1 cDNA, 3' end /clone=IMAGE:2535274 /clone_end=3'	-1	CAGGATGTTATTGACAGGGTGGCCCTT TGTGATTCCCTCCGGTGGTGGCAGC
5573	Table 3A	Hs.311783	AW043857	5904386	wy81g04.x1 cDNA, 3' end /clone=IMAGE:2554998 /clone_end=3'	-1	GCCATTTTCATTGCTGTGTGGTTAGA CTTCCAGGAGGCTGTTTAGCTCTA
5574	Table 3A	Hs.277672	AW050975	5913245	wz25f04.x1 cDNA, 3' end /clone=IMAGE:2559103 /clone_end=3'	-1	CCTTTGTGAAAAGTCACCTGTGACTG TCAGGGGTATGCTATGGCCCTTTT
5575	db mining	Hs.279066	AW063114	8887051	TN0103 cDNA, 3' end /clone_end=3'	-1	GATCCACTTTGGGGTTCGGCGGCAG ATTATTCGGCTGGTAGAGCCGGATG
5576	db mining	Hs.279082	AW063120	8887169	TN0257 cDNA, 3' end /clone_end=3'	-1	AATAAGGGACTCATTTCATTATGCAGC AAATGTTGTTTGTATTGGCTTGC
5577	db mining	Hs.279083	AW063153	8887202	TN0786 cDNA, 3' end /clone_end=3'	-1	CTTCATGGTCTCCAGCCAGGACTCCA TCAGCGCCACGGCTTCATCCGAAC
5578	db mining	Hs.279127	AW063155	8887204	DP1003 cDNA, 3' end /clone_end=3'	-1	TTGATGCTCATCTGCTCGAGGTG ATTGATGCCAGGTTGACGCCACT
5579	db mining	Hs.279104	AW063156	8887205	TN0974 cDNA, 3' end /clone_end=3'	-1	TCCTTTGGATAAGGTCCAAAACCTGT AACACATGACCCTCAGAGCCCTTT
5580	db mining	Hs.279085	AW063158	8887207	TN0311 cDNA, 3' end /clone_end=3'	-1	CCGGCGACTTCACCACCCGCTATCT GGGCACCAAGACTATATCTAGAT
5581	db mining	Hs.279086	AW063159	8887208	TN0312 cDNA, 3' end /clone_end=3'	-1	CGCAATAGCTCCGACAAGTCGCCAA CCCTCCACTTCGGTCCGATCAGCT
5582	db mining	Hs.279092	AW063191	8887240	TN0359 cDNA, 3' end /clone_end=3'	-1	CGTCGGGTACCTCGCCGATAAAATC GCTGATGGCCTGGTCCATCCTGAAG
5583	db mining	Hs.279093	AW063196	8887245	TN0360 cDNA, 3' end /clone_end=3'	-1	ATCTTATCCCTCTGTTACTCAATGTGA GTGCATACTTTACATTGGCTACT
5584	db mining	Hs.279102	AW063210	8887259	TN0377 cDNA, 3' end /clone_end=3'	-1	GGTCCTTGAAGATGACGCGGATGAT CGAGTCTCTGCGCCGTAGCCGATG
5585	db mining	Hs.279067	AW063230	8887055	TN0107 cDNA, 3' end /clone_end=3'	-1	ATGATGAAGCTGCTGTCCAACGCCTT CGTCTGCCAGTTTCTGCTGGTGTG
5586	db mining	Hs.279069	AW063239	8887064	TN0018 cDNA, 3' end /clone_end=3'	-1	TCCTTGCCAGAGCCTTCGGGTCTTAC GATTTGATCGACGACGCTGGTGTG
5587	db mining	Hs.279070	AW063242	8887067	TN0138 cDNA, 3' end /clone_end=3'	-1	TCGAACATGGGCAGCTCCGTTTCAAG ATGGCTCAAGACTAGCGGATTGGG
5588	db mining	Hs.279071	AW063246	8887071	TN0358 cDNA, 3' end /clone_end=3'	-1	AGTGATAGAGACCAAGACTGCTTTT TAATTTTGTGGGGAGGGGGTGA
5589	db mining	Hs.279072	AW063252	8887077	TN0149 cDNA, 3' end /clone_end=3'	-1	CGGGTCACTCATGTTGGCTACTAAC CTTTTCGTGCGCCGGGCATTCTAG
5590	db mining	Hs.279087	AW063267	8887092	TN0331 cDNA, 3' end /clone_end=3'	-1	CTTGTCCTTGATCGCTTCCCTCTCG CAAGGGAGAGCTTCTGGACCTTCA
5591	db mining	Hs.279073	AW063271	8887096	TN0156 cDNA, 3' end /clone_end=3'	-1	CTTGTTGACATCAGCGCCATCTCGA CAGCGTATCCGCTATGACTGTTT
5592	db mining	Hs.279074	AW063274	8887099	TN0792 cDNA, 3' end /clone_end=3'	-1	CACGAAGCCTTCGATCAGTGCAGCA CGCGCCAGAGCGGTTCGATAGAAC
5593	db mining	Hs.279122	AW063299	8887124	TN0185 cDNA, 3' end /clone_end=3'	-1	CATTTTGCCATCTGCGAGCATCTGGG TATTGACATGATCCCCAGTGGAGC
5594	db mining	Hs.279076	AW063319	8887144	TN0230 cDNA, 3' end /clone_end=3'	-1	CACCAAGCTGGTCAACATCCAGCGG AATGGCTATTACGTGGATGAGATG
5595	db mining	Hs.279078	AW063325	8887150	TN0236 cDNA, 3' end /clone_end=3'	-1	TTGCTGATACGGCCTTTGATCATGTT TTCAACGATGTTTCCGGCTTGGC
5596	db mining	Hs.279079	AW063327	8887152	TN0238 cDNA, 3' end /clone_end=3'	-1	CCTCGACAACCTAAATGTTGATTGA ATTGGCCTGTTATCATCTTGATCAC
5597	db mining	Hs.302423	AW063352	8887289	TN0725 cDNA, 3' end /clone_end=3'	-1	GTTTCAGATCGGGCCGCTCCGCCCG GGTACCTATAGCGGAATCGAATTC
5598	db mining	Hs.279095	AW063358	8887295	TN0979 cDNA, 3' end /clone_end=3'	-1	GAAAACAGAAATGATGCTCGGCACAT TCTCGTCCAGCACCTCGGCAACGG
5599	db mining	Hs.279096	AW063371	8887308	TN0746 cDNA, 3' end /clone_end=3'	-1	AACTGTATTGATCAGCCGTCGGCTG ATGGTGTGACGAGTCCGCTTGTTC
5600	db mining	Hs.279097	AW063372	8887309	TN1085 cDNA, 3' end /clone_end=3'	-1	AGTTGACATATAACCCACTTTACATAC ATTCAAAATTGCGAGTAGTGAGT
5601	db mining	Hs.279075	AW063428	8887365	TN0121 cDNA, 3' end /clone_end=3'	-1	ATATCGTACCGAGAACTAGTGCGGA TATCTGACCAGGATGGCGGTTGG
5602	db mining	Hs.279099	AW063436	8887373	TN0922 cDNA, 3' end /clone_end=3'	-1	GTGATGACCTGATCCAGGTCCGGCC TGATCGGCCTGACTGATGAGCTGTC
5603	db mining	Hs.279100	AW063458	8887395	TN0949 cDNA, 3' end /clone_end=3'	-1	ATGATGACCAGATGCTCTGGCACCGT GTCGAGTTCGAGGATGCCGACATT
5604	db mining	Hs.279103	AW063469	8887406	TN0961 cDNA, 3' end /clone_end=3'	-1	GATCTGGGACGCATGGCCGAGCTG AAAAGCTGGCTGTAGAAGACCTCGA
5605	db mining	Hs.279101	AW063474	8887411	TN0354 cDNA, 3' end /clone_end=3'	-1	AACATGGCAATATTATTGGTCTAAT ACTGTCACCTGGCAAGGTTGGTGT
5606	db mining	Hs.279821	AW063497	8887434	TN0113 cDNA, 3' end /clone_end=3'	-1	GAGGCAGAGGTGTAGCCAGTCCAGG CTCTCTCGAAGCTTGCACCCGACG
5607	db mining	Hs.279105	AW063509	8887446	TN1012 cDNA, 3' end /clone_end=3'	-1	GTCCACACGTTCCGGCCTGACTCT GCTGTGTTCCGACGAGGACAATCTCG
5608	db mining	Hs.279089	AW063534	8887471	TN1054 cDNA, 3' end /clone_end=3'	-1	CATGACGTTGTGCTCGACACCCCAAC AGATCACGTAATCAGCCTGGTGGAA
5609	db mining	Hs.279080	AW063546	8887483	TN0243 cDNA, 3' end /clone_end=3'	-1	TAGGCTATAGAGATGTGAGGGATTAT TATTAGTCACACCTCTAGTCATGCC
5610	db mining	Hs.279108	AW063552	8887489	TN1055 cDNA, 3' end /clone_end=3'	-1	GGCTGCCGGATGTGTAGGTCTTCCC ATGTTGTGAAGTAACGGTGTCCAC

Table 8

5611	db mining	Hs.279109	AW083556	8887493	TN1059 cDNA, 3' end /clone_end=3'	-1	TGCCCTGTATAGTGGTGTAAAAATTA GAATGTTTCACCCAAACCATCTCG
5612	db mining	Hs.279110	AW063561	8887498	TN1066 cDNA, 3' end /clone_end=3'	-1	GTCTTTTCCGAATCGCTCTTAGCTCGT GCGGGGCTGTGTCCCACCTTGTTFGG
5613	db mining	Hs.279090	AW063572	8887509	TN1079 cDNA, 3' end /clone_end=3'	-1	CTATGCGCTGCGCTTACAAGCTGGAC CTGTATTCCGACTTCAGCTACTACC
5614	db mining	Hs.279111	AW063598	8887535	DP0133 cDNA, 3' end /clone_end=3'	-1	TTCCAAGCCAGCGTGCCTGCGCTGC TCGTCCAATTGCAGCATGGATAAGG
5615	db mining	Hs.302424	AW063600	8887537	DP0925 cDNA, 3' end /clone_end=3'	-1	CCTCCGCTGTCCCTTCAGTAGCTGT TTCTGTTCCCTGACGCCACTTCT
5616	db mining	Hs.279124	AW063609	8887546	DP0922 cDNA, 3' end /clone_end=3'	-1	CAATGCAGCGGCTGATGCAGATCAC CCACGAGATGCAGGACGAAGGCGAG
5617	db mining	Hs.279113	AW063630	8887567	DP0154 cDNA, 3' end /clone_end=3'	-1	TCATTAGTCTGAGTAGGAGGAAAGA GGACAGGTTGTTGGAGAGTTGGTT
5618	db mining	Hs.279114	AW063635	8887572	DP0774 cDNA, 3' end /clone_end=3'	-1	TAATTGCCGCTGAAGCACGAATCCTC GAAATGCGTCACCTTCGGATTGAC
5619	db mining	Hs.279125	AW063652	8887589	DP0189 cDNA, 3' end /clone_end=3'	-1	AAATGTGGTGACAAAGTACCAGCAAG AACTGGACTGTGTTCTGGAGCCT
5620	db mining	Hs.279116	AW063678	8887615	DP0229 cDNA, 3' end /clone_end=3'	-1	GTTTCATCGTCTCCGCTCGCAAGAAT AAGGGCTAGGCCATGACTCGTTCCG
5621	db mining	Hs.279117	AW063709	8887646	DP0336 cDNA, 3' end /clone_end=3'	-1	CTCTTGGCAGCCCTGCTCTCGTGGG TCAGCATCGTCGGTGTCTCCGGTGG
5622	db mining	Hs.279118	AW063718	8887655	DP0314 cDNA, 3' end /clone_end=3'	-1	GTGCTCGCTGAGCTGGTCCAGAAAT CCGTCGACTGAGGCGATGGCGGCTG
5623	db mining	Hs.279119	AW063746	8887683	DP0347 cDNA, 3' end /clone_end=3'	-1	CATGAACAAGGGCCGATCATCTG ATGCCCAACACTGGACTTCGGTG
5624	db mining	Hs.279120	AW063778	8887715	DP0954 cDNA, 3' end /clone_end=3'	-1	CACCGGTTGATAGCGACGAGCGTGA ACGAAAACGTGTCCGACGCTTGTGA
5625	db mining	Hs.279121	AW083780	8887717	DP0388 cDNA, 3' end /clone_end=3'	-1	CATATGCGGCTGTGCCATAGCCGGA TGTTCTTCCGTGCGTGCCTACCCCG
5626	db mining	Hs.279123	AW063833	8887770	DP0756 cDNA, 3' end /clone_end=3'	-1	TTCTTCCGTGCGCATCCGGAATGCG AACTCGTACTTCGTGTAGAATC
5627	db mining	Hs.279138	AW063909	8887846	SP0953 cDNA, 3' end /clone_end=3'	-1	GCCAGGGGCTTATCACTTCCATGGC CGCAGCGATGACCAAGTCAAGCTG
5628	db mining	Hs.279126	AW083951	8887888	DP0986 cDNA, 3' end /clone_end=3'	-1	CGCCGACCAAGCTTACCAGCTTCTCG CCGATCTACTCGCAGCAAGAAAGGC
5629	db mining	Hs.279174	AW063977	8887914	DP1019 cDNA, 3' end /clone_end=3'	-1	GGTAGTGACGTGCTGAATGACGGTG CCGTCCATCATCGGGTCCGAGTAAG
5630	db mining	Hs.279128	AW064020	8887957	DP1073 cDNA, 3' end /clone_end=3'	-1	TTCAGGACTCGTTTACAGTAGGCAAC GCTGTCTAAAGTTCCCAAGGGATT
5631	db mining	Hs.279130	AW064046	8887983	SP0153 cDNA, 3' end /clone_end=3'	-1	CTCTTTACCCGGAAACAGGTTGGGGA GATGACACGCAGAAAAATCATACGC
5632	db mining	Hs.279084	AW064052	8887989	SP0159 cDNA, 3' end /clone_end=3'	-1	CTTTGGATATATCGAGAAAAGGCCAGG GCCTGAACAAGGAAAGCTTCCAGG
5633	db mining	Hs.279825	AW064053	8887990	SP0992 cDNA, 3' end /clone_end=3'	-1	AAGGCTGGTCAAGAATCTTGAGACG GAATTGCACAGTCTCGCGGTGATCC
5634	db mining	Hs.279131	AW064080	8887997	SP0636 cDNA, 3' end /clone_end=3'	-1	GATCGATTGCGGGGTGACATCGGGC CTGAGCACCATACCAGCAACATAAG
5635	db mining	Hs.279135	AW064084	8888021	SP0612 cDNA, 3' end /clone_end=3'	-1	CTGAGATCACCTGAAACACCGAACA GACGAGATCCAGTCTGCAACCTG
5636	db mining	Hs.279138	AW064098	8888035	SP0575 cDNA, 3' end /clone_end=3'	-1	CTGAAAGGCTTGGCGACAACAGGT CTATCCGTTTGAATTTGGCGAGAAC
5637	db mining	Hs.302426	AW064100	8888037	SP0684 cDNA, 3' end /clone_end=3'	-1	TCTTGTGCCAGCAGCTTGTCTGATA GCCGATGAATCGCGTCCCTTTGTC
5638	db mining	Hs.279175	AW064121	8888058	SP0554 cDNA, 3' end /clone_end=3'	-1	GAACTCCTCAAGGAAATAGTCCACCG CCTGCTGCTTGGACGCTGCCAGTT
5639	db mining	Hs.279139	AW064129	8888066	SP0696 cDNA, 3' end /clone_end=3'	-1	GTGACCTCGGGTCCCCCTTGGTGA GGGTGCCGGTCTTGTGGAAGACGAC
5640	db mining	Hs.279140	AW064136	8888073	SP0570 cDNA, 3' end /clone_end=3'	-1	GTGTTCCGGCTTCATGTGCCAACAC CATCGGCACTGGCATCATCGATCC
5641	db mining	Hs.279108	AW064157	8888094	TN1014 cDNA, 3' end /clone_end=3'	-1	AGGTTGATTCCACTTCCCTCGGGAGG TTTCGCCACCTCTTCGCCCTTGAG
5642	db mining	Hs.279141	AW064160	8888097	SP0594 cDNA, 3' end /clone_end=3'	-1	GTTAGCTTCCACGCTTATATCTCCTGC TCTGAGTGTGACCCGCGCTGCTC
5643	db mining	Hs.279142	AW064161	8888098	SP0595 cDNA, 3' end /clone_end=3'	-1	TAAAGTGGTAAGGGAGGTTTCTACT CCTGGGAAACATTAAGTACCTT
5644	db mining	Hs.279143	AW064168	8888103	SP0605 cDNA, 3' end /clone_end=3'	-1	CTTTCTCCGACTTCGAGATCTGCCCG TGGTCGAGATCGTGGTAGATGATG
5645	db mining	Hs.279144	AW064175	8888112	SP0615 cDNA, 3' end /clone_end=3'	-1	AACTGGATAGAGCACGACCTTCTAA GCTTGGAGTTGACGTTTCCGAATCC
5646	db mining	Hs.279824	AW064185	8888122	SP0630 cDNA, 3' end /clone_end=3'	-1	GAAGATCGGCGCAACGAAGACCGCT TCCACTTCACTAACTGGACCAAGAA
5647	Table 3A	NA	AW064187	8888124	(One single EST, artifact ?) SP0632 KRIBB Human CD4 intrathymic T-cell cDNA library cDNA 3', mRNA sequence	-1	TGCTTCTGTGACAGATTAGTCTACAT CTTACCACCTCACCGAGAAGAGCT
5648	db mining	Hs.279146	AW064189	8888126	SP0634 cDNA, 3' end /clone_end=3'	-1	AGCTCAAGAGCTTCCGCGACGTACC CAGCAAAGTAAACGCTCGACGAATGC
5649	db mining	Hs.279145	AW064194	8888131	SP0633 cDNA, 3' end /clone_end=3'	-1	ATCGAAGACGTGATGCTGAACCTTTG GGCGAAGGCCGAGAAGGAAGCAA

Table 8

5650	db mining	Hs.279147	AW064201	8888138	SP0650 cDNA, 3' end /clone_end=3'	-1	CGATACCCCTCACTAGACCTCGGATCG AAATAAATCAGAGCGATCACATCG
5651	db mining	Hs.279132	AW064208	8888145	SP0658 cDNA, 3' end /clone_end=3'	-1	GGGGATACACACCCCAAGCCTTC CTGCCGGCTTACACGGTTACCACC
5652	db mining	Hs.279148	AW064218	8888155	SP0732 cDNA, 3' end /clone_end=3'	-1	GATCTTGGTGAGAAGCTCGGTCATGT AGAAGACCTCGCCCTGGGACACTA
5653	db mining	Hs.279826	AW064223	8888160	SP0676 cDNA, 3' end /clone_end=3'	-1	ATTTTATCGCCAGCTACGTGGGCATT GGTCAGGACGACCTGAAGGGGAAT
5654	db mining	Hs.279149	AW064250	8888187	SP1013 cDNA, 3' end /clone_end=3'	-1	TGATGCGGAGAGCGAGGTAGATCCC GGCGGAGTTTTCGTCGATGGGAAAG
5655	db mining	Hs.279150	AW064255	8888192	SP0105 cDNA, 3' end /clone_end=3'	-1	GTACACTTCTGGATCTGATCCACGA GGTAACGAGCGAGAGTGGGTGATAC
5656	db mining	Hs.279134	AW064258	8888195	SP0717 cDNA, 3' end /clone_end=3'	-1	GTGACTTCATGCTCGGGGTTGAGCTT GGCGTCCACCACCTTTTCCCCTC
5657	db mining	Hs.279151	AW064272	8888209	SP0130 cDNA, 3' end /clone_end=3'	-1	CCGGTGTCTTGTATCAGCTTCAGCAG TGGCTTGACGTAGATCGGGTCCGG
5658	db mining	Hs.302427	AW064275	8888212	SP1065 cDNA, 3' end /clone_end=3'	-1	CATCAGTGTTCCTGCTGGGACTG TTGCATGTGGTGCATCAGGTTTG
5659	db mining	Hs.279153	AW064284	8888221	SP0755 cDNA, 3' end /clone_end=3'	-1	GCGAGGCGAAACATAGCTTCCATTGT GCTTTTTCTCCTTATGCGCTTGGC
5660	db mining	Hs.279156	AW064319	8888256	SP1055 cDNA, 3' end /clone_end=3'	-1	AATGAGACCCGCGCTCCCTGGAGAT GAAGATGTCGTCGACTCCGTCACG
5661	db mining	Hs.279157	AW064320	8888257	SP1045 cDNA, 3' end /clone_end=3'	-1	CGGATGTTGTCGTTCCAGAACGAAG GATCGGCCCTTTGGCCCTGGATTTTC
5662	db mining	Hs.279164	AW064343	8888260	SP0916 cDNA, 3' end /clone_end=3'	-1	GGCACCGACTTGGCCCTGAGAGAGG CGCAGTTCATCAATATAGAATCGGG
5663	db mining	Hs.279159	AW064348	8888285	SP1044 cDNA, 3' end /clone_end=3'	-1	CCATGCTGAACCTGGCCAGGTCCTTG ACGGCGGTGTTTTCCGACAGCACCC
5664	db mining	Hs.279161	AW064375	8888312	SP0115 cDNA, 3' end /clone_end=3'	-1	CGCGATGATCTCGCTCCTTCGGCATG GCGATGCGCTATTCCTTCGACATGG
5665	db mining	Hs.279162	AW064377	8888314	SP1066 cDNA, 3' end /clone_end=3'	-1	GCCCATTGACCCTATCGGCTCATCTT GCTGGCATTCTAAGAAAATACCC
5666	db mining	Hs.279163	AW064378	8888315	SP0966 cDNA, 3' end /clone_end=3'	-1	TGAAACAGGGAAGGCAAGGAAGAT TCCGGTTCACCTGCAATTTGTATC
5667	db mining	Hs.279168	AW064424	8888361	SP1056 cDNA, 3' end /clone_end=3'	-1	CAAGAATGACGGAATAATCCGTGAGC ACAAGGCAAAGGCTTCCGCTGTGG
5668	db mining	Hs.279165	AW064433	8888370	SP1030 cDNA, 3' end /clone_end=3'	-1	GACTTGATCACAACCCGATCCGTAAC GACGTATTGGAGCCACTCGAACA
5669	db mining	Hs.279166	AW064445	8888382	SP1042 cDNA, 3' end /clone_end=3'	-1	CTTCTCGCGTAACTTTTCCGCCGAG CACGCTACGACCTAGGTGTTGTG
5670	db mining	Hs.279823	AW064450	8888387	SP1048 cDNA, 3' end /clone_end=3'	-1	TGACTACGACTTCAACTTCCCAAAA CGGTGGGAGAAGCGAGCTGAGGC
5671	db mining	Hs.279167	AW064452	8888389	SP1069 cDNA, 3' end /clone_end=3'	-1	AAGTTGATCAGATCACGGGCCACGC CTGCAACCAGAGGCTTGTATCGTC
5672	db mining	Hs.279169	AW064468	8888405	SP1067 cDNA, 3' end /clone_end=3'	-1	TGATCTGATTGTGAGGAGATGGAGA AGGTGGTATAGAAGCTGAAGGGT
5673	db mining	Hs.279155	AW064473	8888410	SP1072 cDNA, 3' end /clone_end=3'	-1	CTTCATGCTCGAGAAGAAAATGCTCC GTGCCCTCCGACGCGCCACCATCG
5674	db mining	Hs.279170	AW064478	8888415	SP1080 cDNA, 3' end /clone_end=3'	-1	CAGATGGTACGAGACGCTTGCCCG TGATGCTTCCGTCAGCGTGAGAG
5675	db mining	Hs.279171	AW064479	8888416	SP0147 cDNA, 3' end /clone_end=3'	-1	TGATGGATTTGAAAGTGTATTATCTG TTGACTTCTCCCTGCTCTGCTCA
5676	db mining	Hs.279158	AW064487	8888424	SP1087 cDNA, 3' end /clone_end=3'	-1	TTGAACGGGTATAGCCACCAAGGCAT TGGCTGCAAAGTCGGGCAAAACTT
5677	db mining	Hs.330544	AW064490	8888427	SP1090 cDNA, 3' end /clone_end=3'	-1	ACTGTGTATTGATGAGTATCTGATGC CTATAACATCTGTAGGAGGCTACA
5678	db mining	Hs.279160	AW067725	8888472	SP0110 cDNA, 3' end /clone_end=3'	-1	GTACGAAGGTGGCGATGATCGCTTC GATCACCTCGGGGATTTCTCGGCCG
5679	db mining	Hs.279129	AW067742	8888489	SP0150 cDNA, 3' end /clone_end=3'	-1	CGACCTTCGGCGTTCCGCTTCGGAA CCCCTGAAGCGCTTCTCACTTTG
5680	db mining	Hs.279133	AW067752	8888499	SP0141 cDNA, 3' end /clone_end=3'	-1	ATTCGCTGGCAACATAATTACGAGAC TCACATCGAACGAAGCTCGGTTCC
5681	db mining	Hs.279154	AW067760	8888507	SP0122 cDNA, 3' end /clone_end=3'	-1	TGTTCTGTTGCCATCCTTGTGAGGAA CATCTCGCTTCCAGTTCGCGCTG
5682	Table 3A	Hs.89433	AW071894	6026892	ATP-binding cassette, sub-family C (CFTR/MRP), member 1 (ABCC1), transcript variant 1, mRNA /cds=(196,4791)	-1	TTGGGGGATCCTTTTGTAAATGACTT ACACTGGAATGCGAACATTTGCA
5683	Table 3A	Hs.299581	AW073707	6028705	xb01h03.x1 cDNA, 3' end /clone=IMAGE:2575061 /clone_end=3'	-1	GGACAAGGGGCAACCCGGATTATATTT CCCACCAATCCTAATCCTAAACCC
5684	db mining	Hs.243286	AW075809	6030807	xa85g05.x1 cDNA, 3' end /clone=IMAGE:2573624 /clone_end=3'	-1	TGGAGCTTATTTGGAGAAGTGTACAC CATTTTATCCCAAGTTGGCAATTTT
5685	db mining	Hs.277714	AW075814	6030812	xa85h03.x1 cDNA, 3' end /clone=IMAGE:2573621 /clone_end=3'	-1	ATTATGGGTAAGGCTTGGGCTTGTTC CCACATGTTAACCAATGCGCTCA
5686	db mining	Hs.244048	AW075894	6030892	xa81c04.x1 cDNA, 3' end /clone=IMAGE:2573190 /clone_end=3'	-1	GGGAGGGCCAAAGAAATCTTTTCCC GTTTCAAATTATGTTCCCAAAAA

Table 8

5687	db mining	Hs.329433	AW075905	6030903	xa81d05.x1 cDNA, 3' end /clone=IMAGE:2573193 /clone_end=3'	-1	TTACCCCAATGCTTTTGCCCCGGTGG CCCAGTTTGTAATTTGGTTTGATT
5688	db mining	Hs.329434	AW075921	6030919	xa81f04.x1 cDNA, 3' end /clone=IMAGE:2573215 /clone_end=3'	-1	CCCCCCTTGCCAGGTTAATTTGGTGT TAAGGAACCTCCAGGGTGGGGGG
5689	db mining	NA	AW075929	6030927	xa81g05.x1 NCI_CGAP_CML1 cDNA clone IMAGE:2573240 3', mRNA sequence	-1	CCCCCAGTTTAAATGTTAGGGGGAA GGGATTTAACCCCTTATTTAAAAAA
5690	db mining	Hs.265634	AW075948	6030946	xa82b03.x1 cDNA, 3' end /clone=IMAGE:2573261 /clone_end=3'	-1	CTATCACCCCTTGATATGAAATTCAG AATTTCTGTGATACCACATGGCC
5691	db mining	Hs.277716	AW075986	6030984	xa82f05.x1 cDNA, 3' end /clone=IMAGE:2573313 /clone_end=3'	-1	ACTCCGGGCCTTAATGGATTTGGCCT GTCCTCAAGAATGGTAATTTATGAA
5692	db mining	Hs.241982	AW076004	6031002	xa82h04.x1 cDNA, 3' end /clone=IMAGE:2573335 /clone_end=3'	-1	ACGTGGTTTCAGTCCCTTAGCACCGTG GTATTGACATGACATCAGTTGCAA
5693	db mining	Hs.257711	AW076027	6031025	he31c12.x1 cDNA, 3' end /clone=IMAGE:2920630 /clone_end=3'	-1	CACAACTTGCTGTTCCAGCTTTGGG GTGTTTTCCATTCCTAATAGATGG
5694	db mining	Hs.277717	AW076038	6031036	xa83d08.x1 cDNA, 3' end /clone=IMAGE:2573391 /clone_end=3'	-1	AAACCCGCTCCATTATAATTACCTT TCAAAGGGCAAGTCAAAGTTGT
5695	db mining	Hs.241983	AW076068	6031066	xa84a02.x1 cDNA, 3' end /clone=IMAGE:2573450 /clone_end=3'	-1	AAACAGCACACATGAGTGTTCCTA CCACATCAATTTAATGAAGACAC
5696	db mining	Hs.277718	AW076075	6031073	xa84a10.x1 cDNA, 3' end /clone=IMAGE:2573466 /clone_end=3'	-1	CGGAATCGGGTTCCATTGGACCCCA AAAATTTCCCTTTGGGCTTCATGA
5697	db mining	Hs.242605	AW076083	6031081	xa84b10.x1 cDNA, 3' end /clone=IMAGE:2573467 /clone_end=3'	-1	TGAGGATAGAAGCAGCCTTTTATATT TTTGTGTGGTAAAGCAAATTTGGCA
5698	db mining	Hs.329436	AW076127	6031125	xa84g01.x1 cDNA, 3' end /clone=IMAGE:2573520 /clone_end=3'	-1	GGGGCAAATTTCAAGGGACCTCCCC AAAGGGGGTGTTCCTGGATGGG
5699	Table 3A	Hs.244816	AW078847	6033999	xb18g07.x1 cDNA, 3' end /clone=IMAGE:2578700 /clone_end=3'	-1	AAACAGGAAGGGGGTTTGGGCCCTT TGATCAACTGGAACCTTTGGATCAAG
5700	Table 3A	Hs.245616	AW080951	6036103	xc28c10.x1 cDNA, 3' end /clone=IMAGE:2585586 /clone_end=3'	-1	ACTCTTTGCTTTTTAAGACCCCTAAT AGCCCTTTGTAACCTGATGGCTT
5701	Table 3A	Hs.176488	AW081098	6036250	xc29a12.x1 cDNA, 3' end /clone=IMAGE:2585682 /clone_end=3'	-1	CCGGTGCCTCCATCCAGAAGAGT GCGCAGAGAATTAATCTAGATATT
5702	Table 3A	NA	AW081232	6036384	xc22e08.x1 NCI_CGAP_Co19 cDNA clone IMAGE:2585030 3' similar to SW:RS1A_HUMAN P39027 40S RIBOSOMAL	-1	GGGATGTAATACATATTTTCCAAATA AAATGCCTCATGGGCTTTGGGGC
5703	Table 3A	Hs.295945	AW081320	6036472	xc30f12.x1 cDNA, 3' end /clone=IMAGE:2585807 /clone_end=3'	-1	AGAACCCGTATTCAAAAAATTTAGAC CAAAAAGGAAGGAATCGAACCCCC
5704	Table 3A	Hs.120219	AW081455	6036607	xc31c07.x1 cDNA, 3' end /clone=IMAGE:2585868 /clone_end=3'	-1	AGTTAGTATACAGCCAGAACGCCAA GCCTCAATTCCTGTACCTGTGTCT
5705	Table 3A	Hs.277738	AW082714	6037866	xb61f07.x1 cDNA, 3' end /clone=IMAGE:2580805 /clone_end=3'	-1	CCCTGATCCTCTGTAGGGAATTCCT TTTCTCTAATCCTAGATCTTTTCA
5706	db mining	NA	AW088500	6044305	xd10a04.x1 NCI_CGAP_Ov23 cDNA clone IMAGE:2593326 3' similar to SW:BAT3_HUMAN P46379 LARGE PROLINE-	-1	GAGGCATCAGAGGTTCCAGGAGATT ACAGGCAGCAGGTGCGGTATAATAT
5707	Table 3A	Hs.243457	AW102836	6073449	xd38h12.x1 cDNA, 3' end /clone=IMAGE:2596103 /clone_end=3'	-1	TTTGTTCCTTTGGGCTGATTTGTATC TCTGGAAGGCATTAATCTTTGAA
5708	Table 3A	Hs.341908	AW117189	6085773	xd83f08.x1 cDNA, 3' end /clone=IMAGE:2604231 /clone_end=3'	-1	GCTTTCCTCTCGGAGGAGTCAAAG GGGCAGTAACTGTATGGGGTGAGAG
5709	Table 3A	Hs.3642	AW130007	6131612	RAB1, member RAS oncogene family (RAB1), mRNA /cds=(50,667)	-1	GCTCCCGAATATTGTAATTTGTTGCC CCCTATGTACCAACCCCTGAAA
5710	Table 3A	Hs.248367	AW131768	6133375	MEGF11 protein (MEGF11), mRNA /cds=(159,3088)	-1	AGGAAGTATGAGAGTTCTGAAACCT TGATAGAACTGGAAGCCTGCCAT
5711	Table 3A	Hs.203608	AW131782	6133389	PMO-UT0103-300101-002-f12 cDNA	-1	GACATAGGGTTGCAGTAGTGAGTGG GCATCTGTTCTCAGAAGGCAGTGCC
5712	Table 3A	Hs.335449	AW136717	6140850	UI-H-B11-adm-a-03-0-U1.s1 cDNA, 3' end /clone=IMAGE:2717092 /clone_end=3'	-1	TTCTGGCCTTGTTACCTAGAAACGC TATTCCTGTGTTATGGTTCTGGC
5713	Table 3A	Hs.8121	AW137104	6141237	Notch (Drosophila) homolog 2 (NOTCH2), mRNA /cds=(12,7427)	-1	GCTCTGGGAAAGAGACAGGGAAGTC TGGAATGGAAAAGAACACGATGAGA

Table 8

5714	Table 3A	Hs.12035	AW137149	6141282	602122419F1 cDNA, 5' end /clone=IMAGE:4279300 /clone_end=5'	-1	GGGTACATTGAGTCTCTGTACCTG CTTGGAAGAAATAAAAAACGCTGT
5715	Table 3A	Hs.342003	AW138461	6142779	UI-H-BI1-adg-e-06-0-UI.s1 cDNA, 3' end /clone=IMAGE:2716882 /clone_end=3'	-1	CTGGGAATATGAAGCGAACGCCACA CACTAGAACGCGCCCTGGGAGCTGG
5716	Table 3A	Hs.245138	AW139918	6144636	UI-H-BI1-ae-e-05-0-UI.s1 cDNA, 3' end /clone=IMAGE:2719136 /clone_end=3'	-1	GCTGCTTTTGGCCATCCAGGTTTCCA CATCCTAATCTTTGCTTTTCTGT
5717	Table 3A	Hs.276718	AW148618	6196514	601473284T1 cDNA, 3' end /clone=IMAGE:3876165 /clone_end=3'	-1	TGTAAATGTGGTTTGACTATTTCTGTA TGTCCCATCTATTGATGAGGGT
5718	Table 3A	Hs.89104	AW148765	6196661	602590917F1 cDNA, 5' end /clone=IMAGE:4717348 /clone_end=5'	-1	TTGTTTTAACTCTTCTCAACATTT TGTCCAGGTTATTCAGTGAACCA
5719	Table 3A	Hs.248657	AW150084	6198076	xg36f03.x1 cDNA, 3' end /clone=IMAGE:2629661 /clone_end=3'	-1	ACATAAACTGTCCTTTAGGAAGAAG CCCAATGCCGATTTTGCCCTTTA
5720	Table 3A	NA	AW150085	6198077	xg36f04.x1 NCI_CGAP_Ut1 cDNA clone IMAGE:2629663 3' similar to gb:X65018 PULMONARY SURFACTANT-ASSOC	-1	GGACAAGTGGCATCGGTACTATATTT CCCACCAATCCTAATCCTAATCCC
5721	Table 3A	Hs.265838	AW150944	6198842	xg42e09.x1 cDNA, 3' end /clone=IMAGE:2630248 /clone_end=3'	-1	TATGTCCCTTTTCTCCTCCCTCCCC ATTCCCTGGCATCATATTGGGAC
5722	Table 3A	Hs.301104	AW151854	6199839	602313002F1 cDNA, 5' end /clone=IMAGE:4422480 /clone_end=5'	-1	CGCTGTGCGCTTAATCCAAGCCTACG TTTTACACTTCFAGTAAGCCTCT
5723	Table 3A	Hs.337727	AW161820	6300853	au70h03.x1 cDNA, 3' end /clone=IMAGE:2781653 /clone_end=3'	-1	TGTGGGCTTGGTATAAACCCCTACTTT GTGATTGCTAAAGCACAGGATGT
5724	Table 3A	Hs.299967	AW166001	6397526	x43e11.x1 cDNA, 3' end /clone=IMAGE:2620844 /clone_end=3'	-1	CCGCCTGAAACGGGCATTTTGTAAAT GGGGTTTGACTATTTTGTATGTC
5725	Table 3A	Hs.81248	AW166442	6397967	CUG triplet repeat, RNA-binding protein 1 (CUGBP1), mRNA /cds=(137,1585)	-1	ACTGGCAAATGAAGCATACTGGCTTG CAGGGACCTCTGATTCAAGTACA
5726	Table 3A	Hs.169738	AW172306	6438254	xj37a08.x1 cDNA, 3' end /clone=IMAGE:2659382 /clone_end=3'	-1	GAATTCGATTTGAGATCTGAGGGCAG ACCCGAACCAGGAAAGCAACTCAG
5727	Table 3A	Hs.8991	AW172850	6438798	adaptor-related protein complex 1, gamma 2 subunit (AP1G2), mRNA /cds=(45,2402)	-1	AATGCACCAGGCTGCCACCTGCACC AGTGGTGTCTACATGGGATAAGAAA
5728	Table 3A	Hs.143525	AW173183	6439111	xj84b08.x1 cDNA, 3' end /clone=IMAGE:2663895 /clone_end=3'	-1	TATGATAGGATTCACACAGTGGCTT CCGACTCAGGCTCCAATGGACCAA
5729	Table 3A	Hs.38664	AW188135	6462571	IL0-MT0152-061100-501-e04 cDNA	-1	TGCTGTATGGGCAGGTTGTCTTATTA TGTGATCAACAGATGTCAGGAAAC
5730	Table 3A	NA	AW188398	6462834	xj98c03.x1 NCI_CGAP_Co18 cDNA clone IMAGE:2665252 3', mRNA sequence	-1	ACCTCCAAGAACATCTGCCTTTGTG AACGCTTTATTACTCCTGCCCTC
5731	Table 3A	Hs.252989	AW191929	6470628	x77c10.x1 cDNA, 3' end /clone=IMAGE:2680722 /clone_end=3'	-1	CCTTTTGGCCCTTAGCCCTTGATAA TCCGGCTGGGAATGGGGGTGAGGG
5732	Table 3A	Hs.203755	AW194379	6473179	xm08h07.x1 cDNA, 3' end /clone=IMAGE:2683645 /clone_end=3'	-1	CCCAAATAAGCTCTGTACTTCGGTTA CCTATGTACTGTTACCACITTTCA
5733	Table 3A	Hs.253151	AW195119	6474139	xn66b07.x1 cDNA, 3' end /clone=IMAGE:2699413 /clone_end=3'	-1	GCCACATGTCTATTCTCACACAGGT GCTTTAATTCAGCCCACTCTCTA
5734	db mining	Hs.253154	AW195169	6474211	xn66h03.x1 cDNA, 3' end /clone=IMAGE:2699477 /clone_end=3'	-1	CTTGAAGGGGCTTTGTTGGGTTTTTG GGTTTTGGGTGGGACTCCCAAAG
5735	db mining	Hs.330019	AW195270	6474330	xn67c04.x1 cDNA, 3' end /clone=IMAGE:2699526 /clone_end=3'	-1	GGGGTTTTAAAAATTTCCCGATTCA AAATTAATTTCCGTTGCCCCCGG
5736	db mining	Hs.253167	AW195284	6474352	xn67d09.x1 cDNA, 3' end /clone=IMAGE:2699537 /clone_end=3'	-1	CCCCCTGGGGTTTTGGGAATGAGG TAAGGCTTTGAATTTGGTTTGATAT
5737	db mining	Hs.253188	AW195300	6474368	xn67f12.x1 cDNA, 3' end /clone=IMAGE:2699567 /clone_end=3'	-1	ACATGCTTAGAGCTGGAGGCTTGAA CCATAATCCCAATTAAGTGCTGTC
5738	db mining	Hs.253169	AW195313	6474381	xn67h05.x1 cDNA, 3' end /clone=IMAGE:2699577 /clone_end=3'	-1	TGTTTGTCCAGGAAAAGGAGAGGG GGAAATTAACCTTTCCGGTTAGT
5739	Table 3A	Hs.253384	AW204029	6503501	UI-H-BI1-aen-d-02-0-UI.s1 cDNA, 3' end /clone=IMAGE:2719899 /clone_end=3'	-1	GCACTGCTCCGCTAGCTGTATGACC TTTGTATTGTTTCTTTCTCCGT
5740	Table 3A	Hs.253502	AW205624	6505098	UI-H-BI1-af-e-01-0-UI.s1 cDNA, 3' end /clone=IMAGE:2722657 /clone_end=3'	-1	CTTCAATCTGGGCTGGGCACTCCAC GCACATAATCGTCACTCTCGGAGGA

Table 8

5741	Table 3A	Hs.330058	AW206977	6506473	UI-H-B11-afs-h-11-0-UI.s1 cDNA, 3' end /clone=IMAGE:2723180 /clone_end=3'	-1	GCGGGGAAGTGAAGCGGAGGCTGGG ACAAGGGGAACCTTACTGCTCAAAAA
5742	Table 3A	Hs.157315	AW207701	6507197	UI-H-B12-age-e-03-0-UI.s1 cDNA, 3' end /clone=IMAGE:2724172 /clone_end=3'	-1	AGTGGTGTGGTGGAATAGGAAAAG AAAAGATCAGGATGAGAAATTGCTT
5743	db mining	NA	AW236186	6568575	xn70e07.x1 NCI_CGAP_CML1 cDNA clone IMAGE:2699844 3', mRNA sequence	-1	CCAAGGGCCCTTTGGGGTTGTTTCCT ATAACTTCAGTATTGTAATAATTAGT
5744	db mining	NA	AW236203	6568592	xn70h07.x1 NCI_CGAP_CML1 cDNA clone IMAGE:2699869 3', mRNA sequence	-1	CATAAAGGGGCATTGCCCTAGCCGG TCCGGCCTTTTCCAGTCCATCCTG
5745	db mining	Hs.330063	AW236208	6568597	xn71a06.x1 cDNA, 3' end /clone=IMAGE:2699890 /clone_end=3'	-1	AGGTTTAAGAAATTTCCCTAAATCTT GTTTGGTTGGTTGGGATGAAAAGT
5746	db mining	Hs.253747	AW236252	6568841	xn71g08.x1 cDNA, 3' end /clone=IMAGE:2699966 /clone_end=3'	-1	AATTGATCCCATTCTTGCTGAAGTAG ACAGTGCCCTCAAGTGGAAATAAA
5747	db mining	Hs.253748	AW236271	6568660	xn72b03.x1 cDNA, 3' end /clone=IMAGE:2699981 /clone_end=3'	-1	CTCCAATGCTGTTATCCCGGTGGGT CCTCACACTCCCAACAATCCCA
5748	db mining	NA	AW236345	6568734	xn73c12.x1 NCI_CGAP_CML1 cDNA clone IMAGE:2700118 3' similar to contains element MER21 repetitive e	-1	AGAATGCGCTATTTCCCTCAAAGCCC TGGCTGTAATAAAGAACGCCGATT
5749	Table 3A	Hs.253820	AW237483	6569872	xm72e01.x1 cDNA, 3' end /clone=IMAGE:2689752 /clone_end=3'	-1	CTGAGGTGAGTGGTGGTTGGTGAA GGATTATGATATTTACAAGCTGAGT
5750	Table 3A	Hs.342342	AW243795	6577635	xo56f02.x1 cDNA, 3' end /clone=IMAGE:2707995 /clone_end=3'	-1	GGTCAATGTTTTGAAATTTGTGGAGC AAACCCAGTTTTATGCCCTTGGT
5751	Table 3A	Hs.250591	AW262077	6638893	xp19e09.x1 cDNA, 3' end /clone=IMAGE:2740840 /clone_end=3'	-1	AGTTGAAAAATTTAGAAATGTCCACT GTAGGACGTGGAATATGGCGTCGA
5752	db mining	Hs.250591	AW262272	6639088	xp19e09.x1 cDNA, 3' end /clone=IMAGE:2740840 /clone_end=3'	-1	TTCACGTCCTAAAGTGTGGTAGACGC GCCCGCGAATTTAGTAGTAGTAGG
5753	Table 3A	Hs.277994	AW262728	6639544	xq94a12.x1 cDNA, 3' end /clone=IMAGE:2758270 /clone_end=3'	-1	GGACAAGTGGCATCCGTATTATATTT CCCACATTCTATTCTTAATCCC
5754	db mining	Hs.61345	AW262891	6639707	mRNA for KIAA1154 protein, partial cds /cds=(0,676)	-1	GGTCTGCCTCAGTCTTCTACTCATCA GCACCACACTGTCAAATGTTGGA
5755	Table 3A	Hs.5662	AW264291	6641033	guanine nucleotide binding protein (G protein), beta polypeptide 2-like 1 (GNB2L1), mRNA /cds=(95,1048)	-1	AGATGAATTGAAGCAAAAAGTTTCA GTACCAGCAGCAAGGCAGACCCCC
5756	Table 3A	Hs.122655	AW274156	6661186	hypothetical protein MGC14425 (MGC14425), mRNA /cds=(318,686)	-1	TCACCTCCACCTCTGAGGGAGCAAC GAATACAAAGGTAGACCCCCAAAAG
5757	Table 3A	Hs.250600	AW291304	6697940	UI-H-B12-agk-a-02-0-UI.s1 cDNA, 3' end /clone=IMAGE:2724386 /clone_end=3'	-1	CCCCAGCCAGCACTCCCTTTCTGCG GAGGGTTTTCTGTTCTTTGATTA
5758	Table 3A	Hs.47325	AW291458	6698021	UI-H-B12-agh-c-02-0-UI.s1 cDNA, 3' end /clone=IMAGE:2724099 /clone_end=3'	-1	AGAAAAATTTGAACCCCTACGCTTCTCC CATCCACTTCTTACTCCATCCCG
5759	Table 3A	Hs.170381	AW291507	6698143	UI-H-B12-aga-g-11-0-UI.s1 cDNA, 3' end /clone=IMAGE:2723900 /clone_end=3'	-1	CTGTGGCATCATTACACCACCAGCA GAGTCCCTTCCAAGAGGGGTCTGG
5760	db mining	Hs.255118	AW292757	6699393	UI-H-BW0-aij-b-12-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729423 /clone_end=3'	-1	CCGTGTTAAAACCAAGTTGGGATT TTTCGGGTATTCATTGGAAGTCAC
5761	Table 3A	Hs.255119	AW292772	6699408	UI-H-BW0-aij-d-03-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729501 /clone_end=3'	-1	CGAGAGCCTGGAAGCTTTGCACACTA CTGCTGGAAGATCTGATTTTG
5762	db mining	Hs.255123	AW292814	6699450	UI-H-BW0-aij-h-02-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729691 /clone_end=3'	-1	TGTTTTAAAAGTGGGTTTTATTCAACC CCTTCACTCCCGTTGGTGACCG
5763	db mining	Hs.255129	AW292855	6699491	UI-H-BW0-aij-d-03-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729117 /clone_end=3'	-1	TCTTCTCAGTCTTCAGCAAGTAGC TTCTTTCAGAACTGCCTCCTCCCG
5764	db mining	Hs.255544	AW292873	6699509	UI-H-BW1-ame-e-09-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069784 /clone_end=3'	-1	GTTTTCTGCATCCCAAATGCTCTGGG GCATGTGCCCTTCTTGCTGACC
5765	db mining	Hs.255134	AW292900	6699536	UI-H-BW0-aig-a-05-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729000 /clone_end=3'	-1	TGTTATGATTCTCTCAATTTATAAAG CTCTTCTGGCAGAGGAGACAGAT
5766	db mining	Hs.255135	AW292902	6699538	UI-H-BW0-aig-a-07-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729004 /clone_end=3'	-1	AAATGGATTACAATTTCCCTGACATT GGGCATAAACATCTGCCATCCT
5767	db mining	Hs.255139	AW292928	6699564	UI-H-BW0-aig-d-11-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729156 /clone_end=3'	-1	TCCTCCTTCCAGACACCTTTGCTTTA CTGCCATTTTTCTGTGGGCTTTT
5768	db mining	Hs.255140	AW292941	6699577	UI-H-BW0-aig-f-10-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729250 /clone_end=3'	-1	AGGCATAGCAGTAGAATCTGTCAAAA AGGAGGCATGGAATGAAATGAACC

Table 8

5769	db mining	Hs.255142	AW292980	6699596	UI-H-BW0-aih-a-02-0-UI.s1 cDNA, 3' end /clone=IMAGE:2728995 /clone_end=3'	-1	CTGACCCTCTCGCCCTCCACCTGTG CTTCTGCCCTAGGATAACGCTGGG
5770	db mining	Hs.147728	AW292989	6699625	RST12623 cDNA	-1	GACCCAAAGAAAAGATCAAGACCGCA TGTAGCAAATGTAGCAAGGAGGCA CTAATTTCCCACTAAAAGTCCAGAA AAATTGATGCCACCTGTAGTTTGG
5771	db mining	Hs.255152	AW293001	6699637	UI-H-BW0-aih-d-12-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729159 /clone_end=3'	-1	GTAAGTTCCAAGCGAGTGGAAAGGTA AATCACGACTGTGGCACCGGAGCC
5772	db mining	NA	AW293017	6699653	UI-H-BW0-aih-f-06-0-UI.s1 NCI_CGAP_Sub6 cDNA clone IMAGE:2729243 3', mRNA sequence	-1	GAAACTGAATGACCATGGAATGCTGA AATTCACAAAAGAAAACGTCGCCGC
5773	db mining	NA	AW293143	6699779	UI-H-BW0-aih-a-03-0-UI.s1 NCI_CGAP_Sub6 cDNA clone IMAGE:2729356 3', mRNA sequence	-1	TCTCTCAGGTCGTCTTCAGAGTCCAT TCCCTTTGCTTGTATCTTTTCTCT
5774	db mining	Hs.255172	AW293158	6699794	UI-H-BW0-aih-b-07-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729412 /clone_end=3'	-1	CTCCCATCATTCCCTCCCGAAAGCCA TTTTGTTCAGTTGCTCATCCACGC GCCCTGCCCTTACCCTTGCCCTTTA AATTTTTGGGACTGAATAAAGAAT
5775	Table 3A	Hs.166975	AW293159	6699795	splicing factor, arginine/serine-rich 5 (SFRS5), mRNA /cds=(218,541)	-1	TGCAGATAACTTGCTCATGAAAGGA AATGCCAGATTAACCCCTTGCCA
5776	db mining	Hs.255174	AW293172	6699808	UI-H-BW0-aih-c-10-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729466 /clone_end=3'	-1	GCCTTCCCTTGGTTCTTTCCAGGCA ATAATGACATCATTAGTGATGCAA CGCCACGGCTCCAATCCCTATATGAG TGAGCAGTAGAATCACATAGGAAT
5777	Table 3A	Hs.255178	AW293267	6699829	UI-H-BW0-aih-e-10-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729562 /clone_end=3'	-1	CCTAGAATCAGACTTTAAGCACAAAGC AGGGAGGGAAAGCACTTGAGCAGT
5778	Table 3A	Hs.75354	AW293424	6700060	mRNA for KIAA0219 gene, partial cds /cds=(0,7239)	-1	GCACATGCAAAAACACTCAGATGTGCAA ATAACTGTTCCTATTAACACAA
5779	Table 3A	Hs.255200	AW293426	6700062	UI-H-B12-ahm-b-02-0-UI.s1 cDNA, 3' end /clone=IMAGE:2727122 /clone_end=3'	-1	GGTGTCAAACCTGTATTTTCTCCCTC CCTCCCTCCTCTTTCTTTCCAGA
5780	Table 3A	Hs.10041	AW293461	6700097	602713308F1 cDNA, 5' end /clone=IMAGE:4853616 /clone_end=5'	-1	TTCTTCCACGGGATTTCTAATTCATTA AATAGGACCTCCACACCAGACCT
5781	db mining	Hs.291317	AW293859	6700495	nx40e10.s1 cDNA, 3' end /clone=IMAGE:1258602 /clone_end=3'	-1	TATCCAGCCTGACTTCTTCATGCTGT ACTAGCCTTCCAATCCTTAACATAA
5782	Table 3A	Hs.255249	AW293895	6700531	UI-H-BW0-ahn-f-10-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729995 /clone_end=3'	-1	TGGACATTGGGGGTCAAACCCCTTTTG TTTAAATTTTCCCTTTCCAGGGC
5783	db mining	Hs.255251	AW293922	6700558	UI-H-BW0-alk-a-04-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729382 /clone_end=3'	-1	GCTGTGCCACGGTCAGGTGGCTTCC AATCTGTACTCAATTGTTACTGTAC
5784	db mining	Hs.255253	AW293949	6700585	UI-H-BW0-alk-c-10-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729490 /clone_end=3'	-1	TCAGAGATGCTGATGTATATAAGTA GTTTCCCTGTCTGGCCTTGGATGT
5785	db mining	Hs.255254	AW293950	6700586	UI-H-BW0-alk-c-11-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729492 /clone_end=3'	-1	GTATGACTGATGATAGCTGCGAATGA GGAGGAGGGAAGGGAAGGCTGGAG
5786	Table 3A	Hs.255255	AW293955	6700591	UI-H-BW0-alk-g-05-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729528 /clone_end=3'	-1	CCATTGCCCGGTGTTTTGGTTTAAT TTTCCAGGCTATTTTAAAGGCC
5787	Table 3A	Hs.190904	AW294083	6700729	UI-H-B12-ahg-b-05-0-UI.s1 cDNA, 3' end /clone=IMAGE:2726720 /clone_end=3'	-1	AGGAAATTAACATGAGCATGACATG ACCCCAACTCTCAAGAAATCCCCA
5788	db mining	Hs.255330	AW294618	6701254	UI-H-BW0-aih-a-05-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729385 /clone_end=3'	-1	ATCAGGTCCTTACAAAATTAGCTAC TTTGGCCTTCTCACAAAATTAGC
5789	db mining	Hs.255333	AW294644	6701280	UI-H-BW0-aih-c-11-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729493 /clone_end=3'	-1	TCATTCTGTTGCTTTCTCTGACTGACA GGCAGTAATGACTTCAATAAGCT
5790	Table 3A	Hs.255687	AW294654	6701290	UI-H-BW0-aih-d-10-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729539 /clone_end=3'	-1	AGGGCCTGCTTCAGAGTTTGTTCCT AAATAAACAAATGGCTCTCCCGT
5791	Table 3A	Hs.255336	AW294681	6701317	UI-H-BW0-aih-g-10-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729683 /clone_end=3'	-1	CCCCCAACTACATGGAAAAGGGATG GTTGCAATTTCTGTGCATATGCAT
5792	db mining	Hs.255337	AW294692	6701328	UI-H-BW0-aih-h-11-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729733 /clone_end=3'	-1	GCAGAGGGAAGAGGAAATGCTTTGA AGCCTTGCTAGTTATTTAATTAGTT
5793	Table 3A	Hs.255339	AW294695	6701331	UI-H-BW0-aim-a-02-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729738 /clone_end=3'	-1	GACATAGTTGCAAAACACAATACTTA ATACTTTTTCTGGAGGAGGGGGCC
5794	db mining	Hs.255341	AW294697	6701333	UI-H-BW0-aim-a-04-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729742 /clone_end=3'	-1	
5795	db mining	Hs.342539	AW294717	6701353	UI-H-BW0-aj-g-03-0-UI.s1 cDNA, 3' end /clone=IMAGE:2732333 /clone_end=3'	-1	
5796	db mining	Hs.255347	AW294739	6701375	UI-H-BW0-aim-f-07-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729988 /clone_end=3'	-1	

Table 8

5797	db mining	Hs.255354	AW294769	6701405	UI-H-BW0-aii-g-02-0-UI.s2 cDNA, 3' end /clone=IMAGE:2729667 /clone_end=3'	-1	ACCCCTTTCTTAATTTCTCAGAAAA TGGCAGCTCCTTCTTTTGTCTGTC
5798	db mining	NA	AW294812	6701448	UI-H-BI2-ahi-d-06-0-UI.s1 NCI_CGAP_Sub4 cDNA clone IMAGE:2726842 3', mRNA sequence	-1	CCTCCGGTGTCTTCGGAAGCACTGAA GGGACATCTGGGGACCCTCACCTG
5799	db mining	Hs.255388	AW295071	6701707	UI-H-BW0-aii-c-03-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730245 /clone_end=3'	-1	ACTCTTTGACCAATAAATCACTGGAA TAGAGGTTCCAGCATATTTCTGAGA
5800	Table 3A	Hs.255389	AW295088	6701724	UI-H-BW0-aii-d-09-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730305 /clone_end=3'	-1	ATGCTTACACCCTGGATGAATAAAGT CTTTATTTACACCTCCACCTCCCC
5801	db mining	Hs.255157	AW295376	6702012	UI-H-BI2-ahv-f-03-0-UI.s1 cDNA, 3' end /clone=IMAGE:2728085 /clone_end=3'	-1	CTCTTCACAGGTCATAAGCCCCTCTG AGCGGCGACAGTCTCCGATCCAG
5802	db mining	Hs.330175	AW295597	6702233	UI-H-BW0-aip-a-10-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729779 /clone_end=3'	-1	CAGCTCGACCTCAGTCCCCTTCAGAA ATAAGATGGCGCTGCGCTGACAG
5803	Table 3A	Hs.255446	AW295610	6702248	UI-H-BW0-aip-c-03-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729861 /clone_end=3'	-1	TTTCAACGTGTACCTTTCTGGGAAA CCATCTCAATAAACACATTTTGGT
5804	db mining	Hs.255448	AW295616	6702252	UI-H-BW0-aip-c-09-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729873 /clone_end=3'	-1	GCTGGACACATGGGTTAAGAGGAGG AAAAGTAGGAAAGGAGGAGGGGAAA
5805	db mining	Hs.255449	AW295629	6702265	UI-H-BW1-amu-a-09-0-UI.s1 cDNA, 3' end /clone=IMAGE:3071128 /clone_end=3'	-1	GGCTGGGACCAGGGTTTTCAAGCC ACCTTTTCTGTCTCAGTTCAGAGA
5806	Table 3A	Hs.255454	AW295664	6702300	UI-H-BW0-aip-g-12-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730071 /clone_end=3'	-1	CCCCTTTACACATGACTCACACGA CTGAAGGAAAGAAAGGCATCCTT
5807	db mining	Hs.255455	AW295669	6702305	UI-H-BW0-aip-h-06-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730107 /clone_end=3'	-1	AAGAAATTAAGGAAGGCAAGGGGTA GGTGTGGCCCATGGAAGTTTCCC
5808	db mining	Hs.255457	AW295688	6702324	UI-H-BW0-aiw-b-02-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730578 /clone_end=3'	-1	CTGGCAAATATTGCGGAAGATGTACT GAAATGTAATTGAAATGTAGCTGC
5809	db mining	Hs.255459	AW295711	6702347	UI-H-BW0-aiw-d-03-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730676 /clone_end=3'	-1	AGCATAAGAGATACGAAGCTGATGGT AATTAACCTGTACCCTTGAAGTG
5810	db mining	Hs.255462	AW295724	6702360	UI-H-BW0-aiw-e-08-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730734 /clone_end=3'	-1	AGTGTACAGCAATTAGATACTTTTC CTGTCTTCAGGAGCCCATCTGGAA
5811	db mining	Hs.255464	AW295731	6702367	UI-H-BW0-aiw-f-05-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730776 /clone_end=3'	-1	GAAGTGTAAACATGCCAACAGGGTTT ATATTTAGGTTCCAAGAGTTGCCA
5812	Table 3A	Hs.156814	AW295965	6702531	KIAA0377 gene product (KIAA0377), mRNA /cds=(126,4346)	-1	CTTCCCAAACCTCATTGTCTCATTCTC ACTGCTTATGTTATTGCTCTTAT
5813	Table 3A	Hs.255492	AW296005	6702641	UI-H-BW0-aiu-b-01-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730552 /clone_end=3'	-1	CCCACACAGCAGAGAAGATTCAGAAA ACATAGAACAATGTGAAAATGCCG
5814	db mining	Hs.255495	AW296020	6702656	UI-H-BW0-aiu-c-07-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730612 /clone_end=3'	-1	AGGTTCAATTCATTTTCTGAGATGTT TGGTTTATAAGATTGAGGATGGT
5815	db mining	Hs.255497	AW296044	6702680	UI-H-BW0-aiu-e-10-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730714 /clone_end=3'	-1	ATACTTAGATGTGCTTGGATCCTGGG TGGGAGGCTTGGTTAGAAGTCACG
5816	db mining	Hs.255498	AW296054	6702690	UI-H-BW0-aiu-f-10-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730762 /clone_end=3'	-1	TGGGTGAGGCTGTTCAATTTTAAATA GGAATACACTAGCCCTTACAACGGA
5817	db mining	Hs.255499	AW296058	6702694	UI-H-BW0-aiu-g-02-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730784 /clone_end=3'	-1	TGTTTCATCTTGATGTAATAGAGAAGG AAAGAGAGAGCATCCCTTTTCAGT
5818	Table 3A	Hs.255501	AW296063	6702699	UI-H-BW0-aiu-g-08-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730806 /clone_end=3'	-1	ACCAGTAACACAATGACGGCAAGCAC AGAGAAGGAAAAGTCAGATCCCC
5819	db mining	Hs.255502	AW296066	6702702	UI-H-BW0-aiu-g-11-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730812 /clone_end=3'	-1	ACTTGAGCTAGAGAGCCACCATCA TATGGAGGAGAAGTGGTCACTCTA
5820	db mining	Hs.34871	AW296352	6702988	zinc finger homeobox 1B (ZFX1B), mRNA /cds=(444,4088)	-1	TGCATGTGTGTTGTGACTTGTCTGT TCTGTAAGATTGTCGGTGTACAC
5821	db mining	Hs.255543	AW296373	6703009	UI-H-BW0-aio-c-10-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729874 /clone_end=3'	-1	TTCTGGCAGTAAAGAAAAGAAAGAA GATGTGAGTTATGAAAGATGACT
5822	db mining	Hs.255546	AW286398	6703034	UI-H-BW0-aio-f-01-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730000 /clone_end=3'	-1	AAATAGGAATATAATCTGTCCACATC AAAGAATGGGAAGTCGAAGTGTACA
5823	db mining	Hs.255549	AW296404	6703040	UI-H-BW0-aio-f-08-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730014 /clone_end=3'	-1	GTTCCAAATGTTTTCCGCTAATAGTTT GTCCTAAAGCCTTTGCCATTCCT
5824	db mining	Hs.255552	AW286446	6703082	UI-H-BW0-aio-b-07-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730180 /clone_end=3'	-1	ACAGAGAAGGCTTATTACGTTGGGA ATTACATTAAGGAAAAGTGGTGAC

Table 8

5825	Table 3A	Hs.255554	AW298480	6703128	UI-H-BW0-aiq-f-08-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730374 /clone_end=3'	-1	CCTCCTCCTATATCTGCCTTGAAT AGGGATGTGATACCTTGAGCCATG
5826	db mining	Hs.255556	AW298504	6703140	UI-H-BW0-aiq-g-12-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730430 /clone_end=3'	-1	ATATTTGGGTCTCTGTTTAAAGATTCA TTGCCGTGGTAGGGAGAGTTCCA
5827	db mining	Hs.255558	AW296511	6703147	UI-H-BW0-aiq-h-08-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730470 /clone_end=3'	-1	TGGATGCCATGATGACACCAATAAGC AACCCACAGATTAGGGGAAATACT
5828	Table 3A	Hs.255559	AW296532	6703168	UI-H-BW0-aiw-b-07-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730585 /clone_end=3'	-1	GGGGCTGGGAGCCACCAAAGGGCC TGCTCTTCGGAGAAATGCTGAATTC
5829	Table 3A	Hs.255560	AW296545	6703181	UI-H-BW0-aiw-c-11-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730621 /clone_end=3'	-1	AGGCATCTTGAAGTTCATAAAGAC AGAAGTAAGGGTCATTGAGTCATT
5830	db mining	Hs.255561	AW296567	6703203	UI-H-BW0-aiw-f-04-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730751 /clone_end=3'	-1	AGCTAAAGCCACGGAACCTCAATGAGA TTTATGCATGGAAGGAAACAGGTT
5831	db mining	Hs.255569	AW296695	6703331	UI-H-BW0-abx-c-06-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730635 /clone_end=3'	-1	TGTTCTCTCTCGAACTCTGGAGCACA TCAGCTCTCTGCATAAACTGTT
5832	db mining	Hs.255572	AW296727	6703363	UI-H-BW0-abx-f-09-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730785 /clone_end=3'	-1	ATCTGGAGGATGGCAGTTTGAAGAATT AGGACTAAGCCCGTCTCCCTTTG
5833	Table 3A	Hs.255573	AW296730	6703366	UI-H-BW0-abx-f-12-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730791 /clone_end=3'	-1	CATTAGCTCTCTAAACATTTGGCCTA AGGGATTCATAGGTGAAGCCTTTA
5834	db mining	Hs.255575	AW296758	6703394	UI-H-BW0-ajb-a-10-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730931 /clone_end=3'	-1	GGTAGGATTTATCCTTTTCTTCATGTG CAACTGTATAAACTGGCAAAGCA
5835	db mining	Hs.255577	AW296773	6703409	UI-H-BW0-ajb-c-04-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731015 /clone_end=3'	-1	AGTCTTATGGGACAGAGCAGCTCTCC AGTCTAGGATGGTAGAAGATTCTT
5836	Table 3A	Hs.255579	AW296797	6703433	UI-H-BW0-ajb-e-07-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731117 /clone_end=3'	-1	GAGTCTGTACCCTTTCTAATAAACT GCTCTGGACACAATGAACCTGAA
5837	db mining	Hs.255580	AW296802	6703438	UI-H-BW0-ajb-f-02-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731155 /clone_end=3'	-1	CCATCGGCAAGCCTTGGTGGGTTTCAT ATTCAGTGGCATTAGGGATTAAGG
5838	db mining	Hs.255590	AW296914	6703550	UI-H-BW0-ajc-a-12-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731294 /clone_end=3'	-1	CCATTTCTCTGGATCCTCTCCTAGTT GTCTTTGTGGACGCCACAAGCG
5839	db mining	Hs.255591	AW296947	6703583	UI-H-BW0-ajc-e-05-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731472 /clone_end=3'	-1	GATCCTTTGCTGACACTGGTTTCTCT CTTATTTTGCCTCCCAATAAAAA
5840	db mining	Hs.255598	AW297024	6703660	UI-H-BW0-ajf-e-04-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731495 /clone_end=3'	-1	TCTGTCTGAAACTTCTTTCTCTCTGA GAATTAATTTTCCAATGGACCGT
5841	db mining	Hs.255600	AW297026	6703662	UI-H-BW0-ajf-e-06-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731499 /clone_end=3'	-1	GATCTGTGTTTTCTCCCAAAAGGAG ATCATCTTCCAGAAAAAGAGGAT
5842	db mining	Hs.255601	AW297030	6703666	UI-H-BW0-ajf-e-10-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731507 /clone_end=3'	-1	TTCCATATGTCACTGTATCTGCCTGG CATTACCCTTCTTAAACACACA
5843	db mining	Hs.288403	AW297036	6703672	AV757131 cDNA, 5' end /clone=BMFAKG04 /clone_end=5'	-1	GCTCACTACCCTTCTTCAAATCCAG CTAAAAGCATCAGGCCCTCAATGA
5844	db mining	Hs.255614	AW297162	6703808	HNC68-1-F10.R cDNA	-1	GTCTGGTTGTTAGCTTCCCGATCCT CCACACATTGAAACCTAAGCATA
5845	db mining	Hs.255615	AW297175	6703811	UI-H-BW0-ajd-c-04-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731375 /clone_end=3'	-1	GGGCAATGGAGCCACAGACTCTCTA ACTTCAAGAGGTGTTTCATAGGTGT
5846	db mining	Hs.255618	AW297199	6703835	UI-H-BW0-ajd-e-07-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731477 /clone_end=3'	-1	AGCTGAGGTCAGACAAACCACAACAT ATATGCAGATTATCAGCAATAAA
5847	db mining	Hs.255617	AW297201	6703837	7k38c02.x1 cDNA, 3' end /clone=IMAGE:3477507 /clone_end=3'	-1	CCTGCCAGGGTTGTCGGAAGTCGC AGGTCGAAAATCTCCTCCGCATAC
5848	db mining	Hs.255621	AW297220	6703856	UI-H-BW0-ajd-g-09-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731577 /clone_end=3'	-1	CTTCTCTGAAATGGTACGCCCTATACT TGCATTTCTGAGAAGCCAAACAAA
5849	db mining	Hs.255622	AW297233	6703869	UI-H-BW0-aji-a-03-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731684 /clone_end=3'	-1	AGTTTTCTGGCTAAGTCACCTCTTAA GGAGATCCCTGTAATAATTCACCT
5850	db mining	NA	AW297255	6703891	UI-H-BW0-aji-c-04-0-UI.s1 NCI_CGAP_Sub6 cDNA clone IMAGE:2731782 3', mRNA sequence	-1	CAGATTA AAAACCCATCCCGGCCCT CACCGAGGTGTTACAACCTCTGTCC
5851	db mining	Hs.48820	AW297262	6703898	TAFII105 mRNA, partial /cds=(0,2405)	-1	AGCAAATACTCTGCCTGGAATAAAA ATTCTGTCACTTCAAGCATCTCCT
5852	db mining	Hs.255626	AW297265	6703901	UI-H-BW0-aji-d-02-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731826 /clone_end=3'	-1	TCCAGGCACTGTATAGGTGGCCGAGG ACACAATGATAGGCAAAGTAGTACA

Table 8

5853	db mining	Hs.255630	AW297294	6703930	UI-H-BW0-aj-f-09-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731938 /clone_end=3'	-1	ACAGACCCAAACCTCACAGAGTGAAA GGGGACTTTCTCACAGAGTGAAA
5854	db mining	Hs.255632	AW297313	6703949	7k46h07.x1 cDNA, 3' end /clone=IMAGE:3478525 /clone_end=3'	-1	TTGCTTCAGACTTTTAAACAACAATCCT AGAAGCCAGAAAACAATGAAGAAA
5855	db mining	Hs.255633	AW297317	6703953	UI-H-BW0-aj-h-12-0-UI.s1 cDNA, 3' end /clone=IMAGE:2732038 /clone_end=3'	-1	TTCTGTCCAGGGCTTCAAAGAGACTT CCATAGTTTTGGGAAGTGGAGTCA
5856	db mining	Hs.255634	AW297318	6703954	UI-H-BW0-air-a-01-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730121 /clone_end=3'	-1	GATATATTGAAGTCCAGAGGCAGAGC TAAACAGGTGATGCCACTGGGTCT
5857	db mining	Hs.255635	AW297328	6703964	UI-H-BW0-air-a-11-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730141 /clone_end=3'	-1	AGGCTCTTGTGAGTATTCCTTTGATT CCTGCTTCTGCTTTTTAAATCA
5858	Table 3A	Hs.255637	AW297339	6703975	UI-H-BW0-air-c-03-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730221 /clone_end=3'	-1	ACACACAAAAGAAATAGAAGAGTCT TTTTCTGCCCTTGGGAATCTGCA
5859	db mining	NA	AW297356	6703992	UI-H-BW0-air-d-08-0-UI.s1 NCI_CGAP_Sub6 cDNA clone IMAGE:2730279 3', mRNA sequence	-1	ACACCCAGCACCCACAGGGAAGAAA TAATTCACAGAGCTAAGTATTCCA
5860	db mining	Hs.330185	AW297367	6704003	UI-H-BW0-air-f-01-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730361 /clone_end=3'	-1	TGTGCCTGTGTGCTCCAGCCTCTTCC TATGTGTGTAACCTCAATAAAACC
5861	db mining	Hs.255644	AW297374	6704010	UI-H-BW0-air-f-08-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730375 /clone_end=3'	-1	ACCGAGTGTACCAGGAGGTGTAA AAATCCAGGTTTCATGTTGCACAC
5862	db mining	Hs.255645	AW297384	6704020	UI-H-BW0-air-g-08-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730423 /clone_end=3'	-1	TCCTGATTCCTCAAAGTACCCCTTCC CTACAACCTAACATGCTTTGTCT
5863	db mining	Hs.255646	AW297390	6704026	UI-H-BW0-air-h-05-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730465 /clone_end=3'	-1	CCATGATTTTTCCAATGGACAAGCAC TATTAACATGGACTGTATTTCCT
5864	Table 3A	Hs.255647	AW297400	6704036	UI-H-BW0-ais-a-05-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730152 /clone_end=3'	-1	AATAGAAGTATGACCCATGATGATT GGCTGGCAGGGTTAAGGAAGTGGG
5865	db mining	Hs.255648	AW297401	6704037	UI-H-BW0-ais-a-08-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730154 /clone_end=3'	-1	TCCCAGGAGAGTCCACATTTCTTTTTC ACTAAATAAGGAGGGGAAGAAAA
5866	db mining	Hs.255649	AW297407	6704043	UI-H-BW0-ais-b-02-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730194 /clone_end=3'	-1	GGGTTACCTCACTTTCTAGTTCCCA AGATTCACCAAGTTAAGGAAGCTTT
5867	db mining	Hs.255650	AW297411	6704047	UI-H-BW0-ais-b-07-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730204 /clone_end=3'	-1	AAAGCGTCCAGTCCCCCTAACTCAA CACAGAAACATAACAATTTAGAA
5868	db mining	Hs.255653	AW297426	6704062	UI-H-BW0-ais-c-12-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730262 /clone_end=3'	-1	CCCAGGGCTCCTCCACCTGAAAGAAT TGTCAGGGTTTCAGATCAGCTAAA
5869	db mining	Hs.255657	AW297443	6704079	UI-H-BW0-ais-e-09-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730352 /clone_end=3'	-1	TGGCTCCACCCATTAAGTGTCTTT GCCTAAGACAAAATAATCCAGGA
5870	Table 3A	Hs.255661	AW297522	6704158	UI-H-BW0-aja-e-02-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731106 /clone_end=3'	-1	TGTACTCTGATGCCCTGAAAATCGTT AAGTGAAGACTTATCACATTACCG
5871	db mining	Hs.255665	AW297581	6704217	UI-H-BW0-ajg-b-08-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731718 /clone_end=3'	-1	ATCCTTCAGATTGAGCTGGGTGTCAG CATTTCAATCCACAAGGCTACCTG
5872	db mining	Hs.255666	AW297590	6704226	RST6539 cDNA	-1	TGGATAAGCAATATGTTGGACTAGTA TGAAAATGGCATTCCAGCAGTGA TCACTAGCAGAATATAGTGGGCATGA CCAGTATCCTAGTAGAGCTGACCC
5873	db mining	Hs.255672	AW297626	6704262	UI-H-BW0-ajg-f-12-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731918 /clone_end=3'	-1	AGTTTCTTCTTACAATGGGGTCTG AAATCCAGGGTTCCACACCAGGG
5874	db mining	Hs.255673	AW297636	6704272	UI-H-BW0-ajg-h-03-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731996 /clone_end=3'	-1	CCAATACTTAGTGTAGTTGACTTGT CTTGGGTTGCACTGTAAGGCAGAG
5875	db mining	Hs.255674	AW297649	6704285	UI-H-BW0-ajh-a-05-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731665 /clone_end=3'	-1	CAAGAGTTTCCATGCGTCCAGTGATG ACCGGAATTAATCATGTATGGTGT
5876	db mining	Hs.255675	AW297651	6704287	UI-H-BW0-ajh-a-07-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731689 /clone_end=3'	-1	GTTTCTAACCCATAAGTGCTCATAC ATACATTGCTAGTCTAAAGAGCTTT
5877	db mining	Hs.255677	AW297664	6704300	UI-H-BW0-ajh-b-11-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731725 /clone_end=3'	-1	ACCGGCTAATTTTGAAGTGGCTTGT TTGAAAATAAATCCTTCTGTGT
5878	db mining	Hs.255679	AW297692	6704328	UI-H-BW0-ajh-e-05-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731857 /clone_end=3'	-1	TGGTGGGACTATGTGTTATTTCTGTA TACTTGCAAGTGGGTAGATGCACT
5879	db mining	Hs.255681	AW297694	6704330	UI-H-BW0-ajh-e-07-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731861 /clone_end=3'	-1	

Table 8

5880	db mining	Hs.255682	AW297698	6704334	UI-H-BW0-ajh-e-11-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731869 /clone_end=3'	-1	ACTTCCCTACCTCACAGGTTAGGATT CAAAGTGTGATTCCCCCATTGTG
5881	db mining	Hs.255686	AW297728	6704364	UI-H-BW0-aly-a-01-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730888 /clone_end=3'	-1	GGGTGCTTTACAGGATTTCTTGAAAT GTGTAGTGGATGCTGGCTCTAGGG
5882	db mining	Hs.255688	AW297749	6704385	UI-H-BW0-aly-c-03-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730988 /clone_end=3'	-1	ACAGAAGCAGGGGGTGCAGAAAGTTT CATAAAGGAGGTGCTTTGGAACAAA
5883	db mining	Hs.342530	AW297756	6704392	UI-H-BW0-aly-d-01-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731032 /clone_end=3'	-1	CTATTGTGTGGTTCCTTGTCTCTAC TCAACTTCAAATATTCACCACCCC
5884	db mining	Hs.255691	AW297780	6704418	UI-H-BW0-aly-e-11-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731100 /clone_end=3'	-1	CAGGTGTGCTTACTGGCAGGAACCG AGGGAATAAATAAGATCACTGGAA
5885	db mining	Hs.255692	AW297781	6704417	UI-H-BW0-aly-e-12-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731102 /clone_end=3'	-1	ACCAGCCTTATGTGTGGGTATTCA ATACTCTGCACATTATATACTGTA
5886	db mining	Hs.255693	AW297785	6704421	UI-H-BW0-aly-f-04-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731134 /clone_end=3'	-1	GGGCATTTGTTACCCCTCTCACCA CCATCCCCATTAAAGCCTCGGGG
5887	Table 3A	Hs.255695	AW297813	6704438	UI-H-BW0-aly-g-09-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731192 /clone_end=3'	-1	CTGTATCTACAACCTCTGACTTCAGA TTTTTGCTTTCTCAAACAGCCT
5888	Table 3A	Hs.255697	AW297827	6704452	UI-H-BW0-aly-h-11-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731244 /clone_end=3'	-1	AGCAAGACTTAACCACTAATTACTATT ATCTGACCCAGGAAAACCTCCGCC
5889	db mining	Hs.255698	AW297843	6704468	UI-H-BW1-aaa-c-05-0-UI.s1 cDNA, 3' end /clone=IMAGE:3083913 /clone_end=3'	-1	TGGATAGTTGCTCAATGTAGCAGTGA TGTTCTTGAATTGCCAGCAGAGC
5890	db mining	Hs.328317	AW297929	6704565	yg18e06.s1 cDNA, 3' end /clone=IMAGE:32551 /clone_end=3'	-1	CCAACAGATTCGTGCTTACCCTGAGG TGAAGCCTCGTTTGAGAACC AAAAT
5891	db mining	Hs.255705	AW297949	6704585	UI-H-BW0-ajn-d-11-0-UI.s1 cDNA, 3' end /clone=IMAGE:2732229 /clone_end=3'	-1	CAACCTTCTTGTGAATTGATTACTA CTCATCAGGGTCATGCACAAGCA
5892	db mining	Hs.255708	AW297951	6704587	UI-H-BW0-ajn-e-01-0-UI.s1 cDNA, 3' end /clone=IMAGE:2732257 /clone_end=3'	-1	ACATTCAAACTGCCAGAATGACTG TAAACAGCGAAGTGTCTCTTGC
5893	db mining	Hs.255708	AW297970	6704606	UI-H-BW0-ajn-f-10-0-UI.s1 cDNA, 3' end /clone=IMAGE:2732323 /clone_end=3'	-1	TCTTCCTGGGAATGTGATGTGTTTT CACTGGTTCTAATCTGTCTTCT
5894	db mining	Hs.255710	AW297974	6704610	UI-H-BW0-ajn-g-02-0-UI.s1 cDNA, 3' end /clone=IMAGE:2732355 /clone_end=3'	-1	ACTTATTAATCTCACCTCAGCCTCA GGGATGTATGTAGGGAAGGAGCAT
5895	db mining	Hs.255713	AW297994	6704630	UI-H-BW0-ajn-h-11-0-UI.s1 cDNA, 3' end /clone=IMAGE:2732421 /clone_end=3'	-1	ACATTCCTGTCCATTAGTAATAAGAA GCTGAGGTGTGACTAAGAGACAA
5896	db mining	Hs.255717	AW298042	6704678	UI-H-BW0-ajp-e-07-0-UI.s1 cDNA, 3' end /clone=IMAGE:2732629 /clone_end=3'	-1	CCTCCTTGATAAAATCAAGAACAGGT TAGATTAAGCAGTAAATCCTAGACT
5897	db mining	Hs.330189	AW298048	6704684	UI-H-BW0-ajp-f-01-0-UI.s1 cDNA, 3' end /clone=IMAGE:2732665 /clone_end=3'	-1	TCCTGGCCTTTGTGGGTTTTTAATTC CCTTACCTTTTCCCTTTTGGAT
5898	db mining	Hs.255721	AW298073	6704709	UI-H-BW0-ajp-h-05-0-UI.s1 cDNA, 3' end /clone=IMAGE:2732769 /clone_end=3'	-1	ACTGTGCAACTACAATCTCAGATA GTCCCATTTGTTAAATCACGCAT
5899	db mining	Hs.342533	AW298095	6704731	UI-H-BW0-ajs-b-12-0-UI.s1 cDNA, 3' end /clone=IMAGE:2732878 /clone_end=3'	-1	CCTCCCTCTTGCCCTGTAGGTTCTGT GGCTATAAACAAATCATACTTTT
5900	db mining	Hs.255725	AW298108	6704742	UI-H-BW0-ajs-c-07-0-UI.s1 cDNA, 3' end /clone=IMAGE:2732916 /clone_end=3'	-1	TAAATGCTTCCCTGGCTCTCCCTGG GTTTCAGTTTCTATCCATGCCCTG
5901	db mining	Hs.255726	AW298110	6704746	UI-H-BW0-ajs-c-11-0-UI.s1 cDNA, 3' end /clone=IMAGE:2732924 /clone_end=3'	-1	TGTTCTCCTCCCAAGTCTCTGGTTC TATTTGGCTTTTTCAGCTCTGTGC
5902	db mining	Hs.255727	AW298123	6704759	UI-H-BW0-ajs-e-01-0-UI.s1 cDNA, 3' end /clone=IMAGE:2733000 /clone_end=3'	-1	GCATTTACGGGACACAAATGGTCCAT GGCAGAGACCAGTAATGCCAGATA
5903	db mining	Hs.255736	AW298201	6704837	UI-H-BW0-ajt-d-08-0-UI.s1 cDNA, 3' end /clone=IMAGE:2732987 /clone_end=3'	-1	TTTTATCCCCGCTTAACTTTGTTTGC TTGGTACTTTTCTGTGGTTACA
5904	db mining	NA	AW298208	6704844	UI-H-BW0-ajt-e-05-0-UI.s1 NCI_CGAP_Sub6 cDNA clone IMAGE:2733009 3', mRNA sequence	-1	CACGCACCCAACCTCCCACTGCTCCT CTCCATCCAGATGTTCCGTCCAGAG
5905	db mining	Hs.255740	AW298234	6704870	UI-H-BW0-ajt-g-09-0-UI.s1 cDNA, 3' end /clone=IMAGE:2733113 /clone_end=3'	-1	TTTGAGGGCAATTAATGGTTAAGTG TAGGAAAAATCCACTCTTACAGTGT
5906	db mining	Hs.330191	AW298238	6704874	UI-H-BW0-ajt-h-04-0-UI.s1 cDNA, 3' end /clone=IMAGE:2733151 /clone_end=3'	-1	GGCCTTTTGATTTCCATTGGGGTCC CCCGCTTCCCATTTTGGTTTTT

Table 8

5907	db mining	Hs.255743	AW298239	6704875	UI-H-BW0-ajl-h-05-0-UI.s1 cDNA, 3' end /clone=IMAGE:2733153 /clone_end=3'	-1	GACAGTTTGGGGAAGGATTGAAGG TCTGCGTCAAAGAGAACAGAAAACC
5908	db mining	NA	AW298271	6704994	UI-H-BW0-ajk-d-01-0-UI.s1 cDNA, 3' end /clone=IMAGE:2732184 /clone_end=3'	-1	AGGGGCCTTTTACCGGTTTGTITTC CTTAAATTTTTAAAGGAATTGAATT
5909	db mining	Hs.183669	AW298312	6705035	mRNA for KIAA1271 protein, partial cds /cds=(72,1700)	-1	TCCTCTTCTGTCTACTGTGAAGCGA TGAATAAACCTGGGTGTAGATCCA
5910	db mining	Hs.302681	AW298348	6704908	7j80e10.x1 cDNA, 3' end /clone=IMAGE:3392778 /clone_end=3'	-1	CCTAGAAATTATTACAGGGATAAAT GAGGCACTGAAGTGGGAGAACC
5911	db mining	Hs.255746	AW298349	6704909	UI-H-BW0-ajj-c-10-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731795 /clone_end=3'	-1	ACGACAACTGCACAGTAAATATCAC AAACACGGAAATACCACAGTGTCT
5912	db mining	Hs.255747	AW298355	6704915	UI-H-BW0-ajj-d-06-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731835 /clone_end=3'	-1	ACCATGACTTGGCAAAGAGTTTCAAG AGAGGGCATAATCAAAGTAACCA
5913	db mining	Hs.255749	AW298388	6704948	UI-H-BW0-ajj-g-08-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731983 /clone_end=3'	-1	GATTAATCAAAGGAAGAGCTTCAAGC AGAGCTCCTTAGGTTTTCAAAA
5914	Table 3A	Hs.313413	AW298430	6705066	602721745F1 cDNA, 5' end /clone=IMAGE:4838506 /clone_end=5'	-1	GCTCAGGGGACAGCTATTCTTTTTCA AAGCGTTTACCAGCTGGATCACCT
5915	db mining	Hs.255762	AW298437	6705073	UI-H-BW0-ajl-d-08-0-UI.s1 cDNA, 3' end /clone=IMAGE:2732199 /clone_end=3'	-1	TGAGAGCTTCTCTCTCTACGATC CAACCATGTCAAACATTTCTACA
5916	db mining	Hs.255763	AW298445	6705081	UI-H-BW0-ajj-e-07-0-UI.s1 cDNA, 3' end /clone=IMAGE:2732245 /clone_end=3'	-1	TGTGCCAACGCATGATTCTTTGAGT AAATTTCTAAACGTCACAGAAGTT
5917	db mining	Hs.255764	AW298447	6705083	UI-H-BW0-ajj-e-09-0-UI.s1 cDNA, 3' end /clone=IMAGE:2732249 /clone_end=3'	-1	AGTCAACATGGAGCAAGTGAGCTAAG GAAGTAATGGAAGCTTTGGAGA
5918	db mining	Hs.255766	AW298482	6705118	UI-H-BW0-ajj-h-11-0-UI.s1 cDNA, 3' end /clone=IMAGE:2732397 /clone_end=3'	-1	AGCTCAGGTCTTCCCTCATCTGTTAG TTTCTGGAGTCTGTTCTCATACT
5919	db mining	Hs.255767	AW298489	6705125	UI-H-BW0-ajm-a-08-0-UI.s1 cDNA, 3' end /clone=IMAGE:2732078 /clone_end=3'	-1	AAACATACTCTCTTACCAGCACTC AGACATTTGTATCCAGAGAAGCT
5920	db mining	Hs.255768	AW298490	6705126	UI-H-BW0-ajm-a-09-0-UI.s1 cDNA, 3' end /clone=IMAGE:2732080 /clone_end=3'	-1	AGTCTGCAATTGTTTAAAGCCTGTGA TCTTTCTTTCCAGTTAAGAGTT
5921	db mining	Hs.255769	AW298494	6705130	UI-H-BW0-ajm-b-01-0-UI.s1 cDNA, 3' end /clone=IMAGE:2732112 /clone_end=3'	-1	TGCTCTCAACCCTACTTGTGGTTT TACTGTAAATTACACTATTTGC
5922	db mining	Hs.132781	AW298502	6705138	class I cytokine receptor (WSX-1), mRNA /cds=(138,2048)	-1	GTGTGTATGTTGTTGGGCGTAG GACAGGTTTCGGGGATGCGCGGTAC
5923	db mining	Hs.255770	AW298503	6705139	UI-H-BW0-ajm-b-12-0-UI.s1 cDNA, 3' end /clone=IMAGE:2732134 /clone_end=3'	-1	CTGTGCTTGACTATTGAAAACCTAGA ATTGGGATGCCAAAGTTACTTCTCT
5924	db mining	Hs.255772	AW298510	6705146	UI-H-BW0-ajm-c-11-0-UI.s1 cDNA, 3' end /clone=IMAGE:2732180 /clone_end=3'	-1	GGTTGTATCAAAGAAGTCCACATCC ATATTGAATAAACTCCCACTAGCC
5925	db mining	Hs.255777	AW298559	6705195	UI-H-BW0-ajm-h-04-0-UI.s1 cDNA, 3' end /clone=IMAGE:2732406 /clone_end=3'	-1	GGCTGCCAGATCTCGTGGGAAGAA GACCACAGGAGGACTCGGCTCAATG
5926	db mining	Hs.255779	AW298607	6705243	UI-H-BW0-ajr-d-12-0-UI.s1 cDNA, 3' end /clone=IMAGE:2732615 /clone_end=3'	-1	TGGAAAAATGATAGCAGCCAACTTGA CAGAAAGAACCCAGCATACACATTC
5927	db mining	Hs.255782	AW298616	6705252	UI-H-BW0-ajr-e-10-0-UI.s1 cDNA, 3' end /clone=IMAGE:2732659 /clone_end=3'	-1	TTGGTTTTGGGGATTGGGAAGTCTTA AGCCAAATTTGCCCGGCTCTCCCC
5928	db mining	Hs.255783	AW298627	6705263	UI-H-BW0-ajr-f-10-0-UI.s1 cDNA, 3' end /clone=IMAGE:2732707 /clone_end=3'	-1	GCCCTATATCTAGTGAGCAGGTTGTG GCAATCAGGAAGGATTGATATTT
5929	db mining	Hs.255784	AW298632	6705268	UI-H-BW0-ajr-g-04-0-UI.s1 cDNA, 3' end /clone=IMAGE:2732743 /clone_end=3'	-1	TGCACGCAATGCTTGAAGTGTCCCA GGTATTTAGTTTCAGGTAATTTT
5930	db mining	Hs.255785	AW298647	6705283	UI-H-BW0-ajr-h-09-0-UI.s1 cDNA, 3' end /clone=IMAGE:2732801 /clone_end=3'	-1	CTGTAGGTATGAGCTGCCAGGATCCA GGTGTGACTCGGGTATTTCTAGGG
5931	db mining	Hs.255788	AW298675	6705311	UI-H-BW0-ajo-c-03-0-UI.s1 cDNA, 3' end /clone=IMAGE:2732524 /clone_end=3'	-1	TCCCATTGGGGGGTGGGCTGTTTAA ATTTTGACTCCCTGTTTTAAACCC
5932	db mining	Hs.255794	AW298720	6705356	UI-H-BW0-ajo-g-07-0-UI.s1 cDNA, 3' end /clone=IMAGE:2732724 /clone_end=3'	-1	CCACTTGCATCTCTTCTGGGGTCTT TTCCTTTCTTCTGTTCTAAGGC
5933	db mining	Hs.255797	AW298752	6705388	UI-H-BW0-ajq-b-06-0-UI.s1 cDNA, 3' end /clone=IMAGE:2732506 /clone_end=3'	-1	TGGGTAATCAACTCAACCATCAAC AAACTCTCTATTCCAGGCACTG
5934	db mining	Hs.255799	AW298806	6705442	RC4-MT0235-061200-011-e11 cDNA	-1	AGGAGAAATAATTAGAGTGGCACACT AGCATGATGGTAAACATTCTGTCA

Table 8

5935	Table 3A	Hs.157396	AW300500	6710177	xs66c06.x1 cDNA, 3' end /clone=IMAGE:2774602 /clone_end=3'	-1	AGGAGTTCAGAAAGCAGAGATTTC GGTCCATGCACCAAGCTCATGTG
5936	Table 3A	Hs.262789	AW300868	6710545	xk07d09.x1 cDNA, 3' end /clone=IMAGE:2666033 /clone_end=3'	-1	CTTGTCTCTCTGATCCAGGGCTCC AGTGCCCATGTCCAGTGCCTTGGT
5937	db mining	Hs.255880	AW337887	6834513	he12d07.x1 cDNA, 3' end /clone=IMAGE:2918797 /clone_end=3'	-1	GCATCTCCCCGCTGTGAGCCTCAGC CCTCTCCTACCAAAATCTCTTTCCA
5938	Table 3A	Hs.328348	AW338115	6834741	tp39g05.x1 cDNA, 3' end /clone=IMAGE:2190200 /clone_end=3'	-1	GGCGTTTCCCATTGACCAGTTTGACC CTGGTTTGAATAAAGAGAAGTGCG
5939	db mining	Hs.255920	AW339530	6836156	he13d09.x1 cDNA, 3' end /clone=IMAGE:2918897 /clone_end=3'	-1	AGCCCATGAAACCTTGGCAAAATG TCAGACCTTAAGACTTCCACTAT
5940	Table 3A	Hs.255927	AW339651	6836277	he15g04.x1 cDNA, 3' end /clone=IMAGE:2919126 /clone_end=3'	-1	TCAGAGACAACGGAGCTGAAAAATA AGAGCTGAGAAAGGAAGAACTTTT
5941	Table 3A	Hs.207995	AW340421	6837047	hc96h02.x1 cDNA, 3' end /clone=IMAGE:2907891 /clone_end=3'	-1	ATATACATACAAATCTAAGCTCCAAG AAGCCTAAGAAAAACCCCTTAGGGG
5942	Table 3A	Hs.256031	AW341086	6837631	xz92h04.x1 cDNA, 3' end /clone=IMAGE:2871703 /clone_end=3'	-1	GGGCAATTTACATCGGGACTCGTTTC ATCTCTAGACCTTCACTTACCTGA
5943	Table 3A	Hs.283667	AW341449	6838075	arginyl aminopeptidase (aminopeptidase B) (RNPEP), mRNA /cds=(9,1982)	-1	AGCTCTGGAGTGCCCTCCCTCCAAA TAAAGTATTTAAGCGAACACTGA
5944	Table 3A	Hs.337988	AW440517	6975823	Homo sapiens, clone MGC:17431 IMAGE:2984883, mRNA, complete cds /cds=(1336,1494)	-1	GCCAGTCTCTATGTGCTTAAATCCCT TGCTCTCATTAAAAGCAAACTA
5945	db mining	Hs.256956	AW440813	6976044	he03b05.x1 cDNA, 3' end /clone=IMAGE:2917905 /clone_end=3'	-1	CCCTCAGGCATAGAAATTGAATCTGA AATGGCTGATGAATAAGCAAAGGC
5946	db mining	Hs.313573	AW440817	6976048	he03c02.x1 cDNA, 3' end /clone=IMAGE:2917922 /clone_end=3'	-1	CAGCCCTGCCTGAGTTTTTGACACCT GCATCCCTCCCTGCCTCACCTCAC
5947	Table 3A	Hs.256961	AW440866	6976172	he05f02.x1 cDNA, 3' end /clone=IMAGE:2918139 /clone_end=3'	-1	AGAGCAGGAGAAATCCTACTGCATTA TTAATCTGAAAGCACAAAGGACAGC
5948	Table 3A	Hs.173730	AW440869	6976175	Mediterranean fever (MEFV), mRNA /cds=(41,2386)	-1	CTGTCTTGGTTTGTATGGGAAATCT GCGGGTTGTGGAATATTAGGTTCT
5949	Table 3A	Hs.118446	AW440965	6976271	HNC35-1-D12.R cDNA	-1	TGGGATTATAGGGGGAGACAGGAGT TGTGGAATTACAGGAGAGGTTCACT
5950	db mining	Hs.118446	AW440965	6976271	HNC35-1-D12.R cDNA	-1	TGGGATTATAGGGGGAGACAGGAGT TGTGGAATTACAGGAGAGGTTCACT
5951	Table 3A	Hs.256971	AW440974	6976280	he08e12.x1 cDNA, 3' end /clone=IMAGE:2918254 /clone_end=3'	-1	CTGAGAAAAGGAGTGTCTCTCTCTG CTCCAAACTTCCAGTAGCTTCCA
5952	Table 3A	Hs.342632	AW444482	6986244	UI-H-BI3-akt-e-05-0-UI.s1 cDNA, 3' end /clone=IMAGE:2739777 /clone_end=3'	-1	TCGAGGTTCTCCCAAGAAAAGCCCA ATCTTATAAAGTGTACTTCCCCT
5953	Table 3A	Hs.250	AW444632	6986394	xanthine dehydrogenase (XDH), mRNA /cds=(81,4082)	-1	TGCAATGAGGCAGTGGGGTAAGGTT AAATCCTCTAACCGTCTTTGAATCA
5954	Table 3A	Hs.335815	AW444812	6986574	UI-H-BI3-ajy-d-11-0-UI.s1 cDNA, 3' end /clone=IMAGE:2733380 /clone_end=3'	-1	TGGCAACTCAACTCCTTGATGGCGA TAATCTCTGGTATGAATATGAGCC
5955	Table 3A	Hs.99665	AW444899	6986661	UI-H-BI3-ajz-d-07-0-UI.s1 cDNA, 3' end /clone=IMAGE:2733373 /clone_end=3'	-1	TTGTGCTCCTGATACGACGTTGCCAC AGTTAATCCGTTCTGATCTCTGCT
5956	Table 3A	Hs.257283	AW450350	6991126	UI-H-BI3-akn-c-01-0-UI.s1 cDNA, 3' end /clone=IMAGE:2734825 /clone_end=3'	-1	CAAGCCTAACTTCCAACTCCCGC GACGCAACCCCTTCCCCTTTCCTC
5957	Table 3A	Hs.313715	AW450835	6991611	UI-H-BI3-alf-f-06-0-UI.s1 cDNA, 3' end /clone=IMAGE:2736539 /clone_end=3'	-1	CACGGTTAGAGTACCAAACTGTAT TTCAGGGGACATCTTCCAGCTCC
5958	Table 3A	Hs.199014	AW450874	6991650	601499703F1 cDNA, 5' end /clone=IMAGE:3901440 /clone_end=5'	-1	CCAAAGGCTCACTACCCTGTGCGTT GTCCAGCACACAGACACTATGTGC
5959	Table 3A	Hs.342873	AW451293	6992069	RC3-HT0230-130100-014-g06 cDNA	-1	TGCTTGGGAAATTTGGTTTGTAAACC TAAATAGCCCTTATTTCTGGGGA
5960	Table 3A	Hs.101370	AW452023	6992799	AL583391 cDNA /clone=CSODL012YA12-(3-prime)	-1	CATCTGCTGAGCAGTGTGCTGTGTCA ACCTCCTCTAGTCTCCTCTATG
5961	Table 3A	Hs.342735	AW452096	6992953	UI-H-BI3-alo-d-02-0-UI.s1 cDNA, 3' end /clone=IMAGE:3068186 /clone_end=3'	-1	CTTTCTGCTGAGGCTGCCCCATGA CTCCCTTCTTTGTGCAAAAGCATG
5962	Table 3A	NA	AW452467	6993243	UI-H-BI3-als-e-09-0-UI.s1 NCI_CGAP_Sub5 cDNA clone IMAGE:3058832 3', mRNA sequence	-1	GAAATGAGTTGGTGTCTTACAGAAT GAGGATCCCCAGAGCCATCTTGCC
5963	Table 3A	Hs.257579	AW452513	6993289	UI-H-BW1-ame-b-03-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069628 /clone_end=3'	-1	GTCTCCCTCCACTCTCTGCCTTACC TGGTATCTATGACTCGACTGAAAT

Table 8

5964	db mining	Hs.257581	AW452528	6993304	UI-H-BW1-ame-c-07-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069684 /clone_end=3'	-1	TGCGAGAGGAAGCAGAGACCACCTT GAAACTCGGGTGCATTAAAGTCCTTG
5965	db mining	Hs.257582	AW452545	6993321	UI-H-BW1-ame-d-12-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069742 /clone_end=3'	-1	TTAGCCACTGCTATTCTAGGTTCCCTT GATGGAGCCCCACTCCCACGCCTA
5966	db mining	Hs.257630	AW452932	6993708	UI-H-BW1-ame-d-07-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069325 /clone_end=3'	-1	ACCACCCAGAGGTTGCTGGCTTCCTT AATAAAGCTAACTTTCCTTTCCACC
5967	db mining	Hs.257632	AW452953	6993729	UI-H-BW1-ame-d-04-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069415 /clone_end=3'	-1	AGGGGAGCCAGTGTTTTGGTCAT GGGAAGTGTCTCATAAAATTCATT
5968	db mining	Hs.257633	AW452960	6993736	UI-H-BW1-ame-d-11-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069429 /clone_end=3'	-1	GCACCAGACTTCTGAACAGGCTGGG AGAGTGAGGCATAAACACATGAAAT
5969	db mining	Hs.257636	AW452985	6993761	UI-H-BW1-ame-d-12-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069527 /clone_end=3'	-1	ACACAGTACTTGTGAGATGTTGGC TTCTTGGTTTATGGCATGAATTCT
5970	Table 3A	Hs.257640	AW453021	6993797	UI-H-BW1-ama-c-02-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069290 /clone_end=3'	-1	ACTTATCTTTTGCACCATGTTCCCT GGATGCCTTGCCCTTCTCTTTTCAT
5971	db mining	Hs.257644	AW453034	6993810	UI-H-BW1-ama-d-03-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069340 /clone_end=3'	-1	AAACAGGAAGCCTCTCATGAATTTGA CCAAGGAGCTACATTCGTTCTCTA
5972	db mining	Hs.257645	AW453039	6993815	UI-H-BW1-ama-d-08-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069350 /clone_end=3'	-1	TGAGGAAGAGGAGATTTAATAGCCC CTTCTTTTAGGCTAGGAGGTTTCC
5973	Table 3A	Hs.257646	AW453044	6993820	UI-H-BW1-ama-e-01-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069384 /clone_end=3'	-1	GGACACTGGCTTTTGTGCAGCTCTTC ATCACAGAGTCTGTTGAGCTACAA
5974	db mining	Hs.257647	AW453055	6993831	UI-H-BW1-ama-e-12-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069406 /clone_end=3'	-1	ACAGTGATTTTCAACCAAGGGGCTTT TTCAAACACTACATTCCTTAGCTCCC
5975	Table 3A	Hs.257667	AW467193	7037299	he07a04.x1 cDNA, 3' end /clone=IMAGE:2918286 /clone_end=3'	-1	GGTGGTGGCTACAAGGGTGATTGCC TTATGATAATTGACCGTGCATAAT
5976	db mining	Hs.257668	AW467208	7037314	he07c09.x1 cDNA, 3' end /clone=IMAGE:2918320 /clone_end=3'	-1	AGCTGGGAGGCCATTACTTTTTGTCT GAGTCTTCTGGAGTTCTAGCAAAA
5977	db mining	Hs.255877	AW467312	7037418	he09b01.x1 cDNA, 3' end /clone=IMAGE:2918473 /clone_end=3'	-1	AGTTGCATTAACCTGAGCTTAGATGT GTAAGTTTGCCTAACGGATGGGTTT
5978	db mining	Hs.257677	AW467338	7037444	he09e07.x1 cDNA, 3' end /clone=IMAGE:2918532 /clone_end=3'	-1	CCTCTAAGGCATTTATTTACTGACAA CATAAAATCTTGAACCCAGGTCA
5979	db mining	Hs.257678	AW467385	7037491	he10d12.x1 cDNA, 3' end /clone=IMAGE:2918615 /clone_end=3'	-1	TCACCTCCATCACTTACTAGCACAT AAAGGGTGGGATTTTCATGTGTTGA
5980	Table 3A	Hs.257680	AW467400	7037506	he10f11.x1 cDNA, 3' end /clone=IMAGE:2918637 /clone_end=3'	-1	CTGGCAAAGGCATGGGTACAACCTG CTCTGTGATCTACCTTCTGAACCAC
5981	db mining	NA	AW467421	7037527	he17b02.x1 NCL_CGAP_CML1 cDNA clone IMAGE:2919243 3' similar to contains Alu repetitive element; con	-1	ACACCTGTGGTATATTTGTATCATTCA GTCTGGTTTCTCACCCCTCCTAA
5982	Table 3A	NA	AW467437	7037543	he17d05.x1 NCL_CGAP_CML1 cDNA clone IMAGE:2919273 3', mRNA sequence	-1	AACCCTCGTAAGGTTTCATCTTCCCTT GATTGCAAAATGAGTTTGTGTGAA
5983	db mining	NA	AW467445	7037551	he17e08.x1 NCL_CGAP_CML1 cDNA clone IMAGE:2919302 3' similar to contains element MSR1 repetitive el	-1	CCCCTTCACCTTCCCTAATAAATC GTTTGCAGGCTAATTCATCAAAT
5984	db mining	NA	AW467448	7037554	he17f02.x1 NCL_CGAP_CML1 cDNA clone IMAGE:2919291 3' similar to contains Alu repetitive element; con	-1	ATTTTGTCTATTACCTGTCAGGAGAA AACCCTCTTCCCCAGTCTCCACT
5985	Table 3A	Hs.257687	AW467501	7037607	he19e06.x1 cDNA, 3' end /clone=IMAGE:2919490 /clone_end=3'	-1	ACCTACTGAATCTCCAGATTGCCAAG TGAACACAATGGTTGCCCTCTTCA
5986	db mining	Hs.257688	AW467571	7037677	he21f02.x1 cDNA, 3' end /clone=IMAGE:2919675 /clone_end=3'	-1	TGCGAAAGCTAATCCCTAGTATGAA TAAACTTCAGACCTTGCTCTCCTT
5987	db mining	Hs.257690	AW467582	7037688	602497524F1 cDNA, 5' end /clone=IMAGE:4611316 /clone_end=5'	-1	AGCCTGAGGTGGGTGAAGAAAATAC CTGCTTTACTACTGTTCTGGAAACTC
5988	db mining	Hs.266387	AW467607	7037713	he22c05.x1 cDNA, 3' end /clone=IMAGE:2919752 /clone_end=3'	-1	CTTTTCCCCTTCATGGTAGTTGCTGC TTAAGTTTCTCTAACATGCCTGCA
5989	Table 3A	Hs.257695	AW467746	7037776	he23d05.x1 cDNA, 3' end /clone=IMAGE:2919849 /clone_end=3'	-1	TGAATGTGCAGATGCAGAACCATTG ATATGGAGGGCTGAGTGTCTGAAA
5990	Table 3A	Hs.257705	AW467863	7037969	he27c04.x1 cDNA, 3' end /clone=IMAGE:2920230 /clone_end=3'	-1	TGTACTACTTATTTATGTGTAACCAT ACACAGGGCTAGAAGGAAGGGAT

Table 8

5991	Table 3A	Hs.257706	AW467864	7037970	he27c05.x1 cDNA, 3' end /clone=IMAGE:2920232 /clone_end=3'	-1	TGTAGAATTGCGGAGTAGAAAGACCC TTGAAAGATCATTTGTCTGTGGT
5992	Table 3A	Hs.257709	AW467992	7038098	he30b01.x1 cDNA, 3' end /clone=IMAGE:2920489 /clone_end=3'	-1	GCTCAAGTCCAGCACCTGGGGAA TTCTAAGCCTGAGGAAGACAAGGTG
5993	db mining	Hs.257713	AW468139	7038245	he32g11.x1 cDNA, 3' end /clone=IMAGE:2920772 /clone_end=3'	-1	TGTTTTATGTCTGAGCAAGCAAATT GCTGCAATTAATAACCAATTT
5994	Table 3A	Hs.257716	AW468207	7038313	he34a12.x1 cDNA, 3' end /clone=IMAGE:2920894 /clone_end=3'	-1	AGGCCTGATATTGAAAGCTTTTGATA CTGAGATCCTATTAATCTCAGATGA
5995	db mining	Hs.257719	AW468316	7038422	he36a05.x1 cDNA, 3' end /clone=IMAGE:2921072 /clone_end=3'	-1	TGTTAGTTTGTCTTTGAAATTCCTTGG AGGGTACTCTTCAGGGCTTCA
5996	db mining	Hs.278060	AW468430	7038536	he37h10.x1 cDNA, 3' end /clone=IMAGE:2921251 /clone_end=3'	-1	TAGTGATTATCTCCAGGAATCAAGTA CAAACCTTTGAAAAAGACTGGAGGT
5997	Table 3A	Hs.257727	AW468431	7038537	he37h11.x1 cDNA, 3' end /clone=IMAGE:2921253 /clone_end=3'	-1	TTTGTCCCAAGGGCTCAGACTGAAAG AATGCAATGTGAGAGGTATGCCAC
5998	db mining	Hs.330268	AW468459	7038565	he38d05.x1 cDNA, 3' end /clone=IMAGE:2921289 /clone_end=3'	-1	TCTGTGAAATCTTTCTGCAATGTCT TTGCTTGTCTGACTCAGCTTTT
5999	db mining	Hs.257738	AW468559	7038665	he41a07.x1 cDNA, 3' end /clone=IMAGE:2921556 /clone_end=3'	-1	TGCTTTAACGCACAGATGTTACTTC AGCACCACAAGGACTGTTGATGGA
6000	Table 3A	Hs.257743	AW468621	7038727	he42e03.x1 cDNA, 3' end /clone=IMAGE:2921692 /clone_end=3'	-1	CAGTCAGATGTTGGAATGGGGGTA GAGGGATTATAGAGTTGTGTGTCT
6001	Table 3A	Hs.122116	AW469546	7039652	hd19e09.x1 cDNA, 3' end /clone=IMAGE:2809992 /clone_end=3'	-1	AAAGGAGGGACTATGGCATCAAACA GCCTCTCAGCACAGTGACACCATG
6002	Table 3A	Hs.80618	AW510795	7148873	hypothetical protein (FLJ20015), mRNA /cds=(31,522)	-1	ACCCAGTTTGTGCATAGTTCATGATC CTCTATAAAACCAGCTTTTGTGGA
6003	Table 3A	Hs.193669	AW512498	7150576	hypothetical protein DKFZp586J1119 (DKFZp586J1119), mRNA /cds=(27,2153)	-1	CTGTGGGCTCTGAAGCGAGCTGGT TTAGTTGATAGAAGATGCTCTGTTT
6004	Table 3A	Hs.42915	AW572538	7237271	ARP2 (actin-related protein 2, yeast) homolog (ACTR2), mRNA /cds=(74,1258)	-1	TGGAATGGACTCTTAAACAATGAAA GAGCATTTATCGTTTGTCCCTTGA
6005	Table 3A	Hs.342858	AW572930	7237663	hf17f07.x1 cDNA, 3' end /clone=IMAGE:2932165 /clone_end=3'	-1	TCACTACCTCAATTGTTTACAAGGT GGATATGGGCAGGCAACAGATACT
6006	Table 3A	Hs.325991	AW573211	7237944	602679187F1 cDNA, 5' end /clone=IMAGE:4812093 /clone_end=5'	-1	CTAGGCCGGATGGGCCAGAGAAGGA GAACCATGGCAGGAGCCGGAAGCAG
6007	db mining	Hs.258933	AW589231	7276337	he27g09.x1 cDNA, 3' end /clone=IMAGE:2920288 /clone_end=3'	-1	AAATGTTGAGCAACTGTTCATAACA GCACATAATTGTGTTCATTGGCT
6008	Table 3A	Hs.304925	AW592876	7280068	hg04d05.x1 cDNA, 3' end /clone=IMAGE:2944617 /clone_end=3'	-1	CTGGCACATCCAGGTTTTAGAGCAGG CAGCCTGAGATTTCAAAAATGAGG
6009	Table 3A	Hs.298654	AW614181	7319367	hg77d03.x1 cDNA, 3' end /clone=IMAGE:2951621 /clone_end=3'	-1	GGAGCGGAATACAGTAAAAGCACTG GACTGACCTAAGAGTTTGTCTCTGC
6010	Table 3A	Hs.259842	AW614193	7319379	cDNA FLJ11025 fis, clone PLACE1003968, moderately similar to 5'-AMP-ACTIVATED PROTEIN KINASE, GAMMA-1 SUBUNIT /cds=(159,1145)	-1	ACACCATTTACAGCGTTGGATCACAGA CAGCTCTTCTTATATCCCAGCA
6011	Table 3A	Hs.342967	AW629176	7375966	602618939F1 cDNA, 5' end /clone=IMAGE:4745649 /clone_end=5'	-1	CCACCTTGCTGCCTTTTGAACACTC AGGAAATATAGTTGGCTAAACTG
6012	Table 3A	Hs.140720	AW629485	7376275	FRAT2 mRNA, complete cds /cds=(129,830)	-1	CACCTCGCAACGGAGTGTTTGAAT GTGGTGGTCTGATTTATAGGATT
6013	db mining	Hs.175437	AW771958	7704007	hn66h09.x1 cDNA, 3' end /clone=IMAGE:3032897 /clone_end=3'	-1	GCTTTGGCAGATGGATTAACCTTGT CTTTGGAGCCAGATCAATATCTA
6014	Table 3A	Hs.151393	AW778854	7793457	glutamate-cysteine ligase, catalytic subunit (GCLC), mRNA /cds=(92,2005)	-1	AGAATGCCTGGTTTTCTGTTTGAAT TGCTTGTGTAATCAGTTGTAAA
6015	Table 3A	Hs.109441	AW780057	7794660	cDNA FLJ14235 fis, clone NT2RP4000167 /cds=(82,2172)	-1	TTCTGAACATTTAGTCAAGCTACAAC AGGTTTGGAAACCTCTGTGGGG
6016	Table 3A	Hs.343475	AW873028	8007081	601558208T1 cDNA, 3' end /clone=IMAGE:3826392 /clone_end=3'	-1	TGCAAGTGGATGGTTTGGTATCACTG TAATAAAAAGAGGGCCTGGGAAA
6017	Table 3A	Hs.166338	AW873324	8007377	hi92a07.x1 cDNA, 3' end /clone=IMAGE:3009396 /clone_end=3'	-1	GTGGCTTTTCTGTTGACGCCAAAGGT TACTCCCTCTGCTCACCATAAAA

Table 8

6018	Table 3A	Hs.90960	AW873326	8007379	602563938F1 cDNA, 5' end /clone=IMAGE:4688769 /clone_end=5'	-1	ACCTCCTACGCTGTTTTCTGGCTGT GGTGACTTGGGATTTTAAACCTTA
6019	Table 3A	Hs.120243	BE044364	8361417	gamma-parvin (PARVG), mRNA /cds=(0,995)	-1	ATCGTTGGATTATCTTTGAACCCCT TGTTGGATCATTTTGGCCGCCT
6020	db mining	Hs.157489	BE047166	8384219	602462536F1 cDNA, 5' end /clone=IMAGE:4575393 /clone_end=5'	-1	AGCTCAAAGTGTTTGTATGACCACA GGCTAAAATTCATAGTCTTAAAT
6021	Table 3A	Hs.82316	BE049439	8366494	interferon-induced, hepatitis C- associated microtubular aggregate protein (44kD) (MTAP44), mRNA /cds=(0,1334)	-1	TCAGAAAGGAGAAAACACAGACAAA GAGAAGTATCTAAGACCAAAGGGA
6022	Table 3A	Hs.121587	BE217848	8905166	602637362F1 cDNA, 5' end /clone=IMAGE:4765191 /clone_end=5'	-1	GCATCACGATTTGTCTACATAAGTCC AGTTCATCTCGCGTTTGTTTGGC
6023	Table 3A	Hs.5734	BE218938	8906256	meningioma expressed antigen 5 (hyaluronidase) (MGEA5), mRNA /cds=(395,3145)	-1	ATACAGGGTCCATCCAGAAGCATT CAGTCAGAGCAAGTTAAAGTCAGT
6024	Table 3A	Hs.203772	BE220869	8908187	F5HD region gene 1 (FRG1), mRNA /cds=(191,967)	-1	AAGTGCCAGATTTTGATAATCACCAG CCTCTCATCACTCCTATGTTGC
6025	Table 3A	Hs.73931	BE220959	8908277	major histocompatibility complex, class II, DQ beta 1 (HLA-DQB1), mRNA /cds=(57,842)	-1	ACCCTTGGTCACTGGTGTTCAAACA TTCTGGCAAGTCACATCAATCAAG
6026	Table 3A	Hs.128675	BE222032	8909271	hr61g11.x1 cDNA, 3' end /clone=IMAGE:3133028 /clone_end=3'	-1	AGCTCTGGAGCCTTTCCTCCTCAA TACGAGCGGGAAGCTGCGTTGAGCG
6027	Table 3A	Hs.167988	BE222301	8909619	neural cell adhesion molecule 1 (NCAM1), mRNA /cds=(201,2747)	-1	AAGTTGCTGTGCTAAAGCAAGCGT GGGATGATCCTACCTACCTTAGG
6028	Table 3A	Hs.79914	BE222392	8909710	lumican (LUM), mRNA /cds=(84,1100)	-1	ATTTGGACAGATGCAGAAGGAAGT TAGTGAGTCAAGACAAACACATCT
6029	Table 3A	Hs.89237	BE326857	9200833	hr65h06.x1 cDNA, 3' end /clone=IMAGE:3133403 /clone_end=3'	-1	CCCCTACCCTGGAAAGTAATATACT GAAGTCTCATCACTGTTTGGG
6030	Table 3A	Hs.83623	BE328818	9202594	nuclear receptor subfamily 1, group I, member 3 (NR1I3), mRNA /cds=(272,1318)	-1	TGTTTCGTAATAAATAGGTCTGGC CCAGAAGACCCACTCAATTGCCTT
6031	Table 3A	Hs.27774	BE348809	9260662	602386841F1 cDNA, 5' end /clone=IMAGE:4515730 /clone_end=5'	-1	AGCTAGTGATGTTTGTCCAAAGGAA GATTCGACAACAGCTTCAGCAGA
6032	Table 3A	NA	BE348955	9260808	hs91h01.x1 NCI_CGAP_Kid13 cDNA clone IMAGE:3144625 3', mRNA sequence	-1	ACACAGACATATTGACCGCACACAAC ACTGAAATGGACTGACTTGAGAAA
6033	Table 3A	Hs.56156	BE349148	9261087	601463387F1 cDNA, 5' end /clone=IMAGE:3866512 /clone_end=5'	-1	TGGTCTCTGATTTGTAATGAGCACC TGGATATGTCAATTAATGCCCCA
6034	Table 3A	Hs.315050	BE351010	9262791	ht22g04.x1 cDNA, 3' end /clone=IMAGE:3147510 /clone_end=3'	-1	GGTCCATGTCACCGTGAGTACACCC CTATGATTGGTTTGTCTCAAGAAG
6035	Table 3A	Hs.5027	BE379724	9325089	601159415T1 cDNA, 3' end /clone=IMAGE:3511107 /clone_end=3'	-1	TGCTAGTTCAGGTCCTCCAGGCATTG ATTTGTACAGTTAAACTCCGAGTG
6036	Table 3A	Hs.86437	BE464239	9510014	602411368F1 cDNA, 5' end /clone=IMAGE:4540096 /clone_end=5'	-1	ACAAGCATTTAGATCATAACATGGTA AAGCCTATTACCAGCCAATGTTGT
6037	Table 3A	Hs.127428	BE466500	9512198	Homo sapiens, Similar to homeo box A9, clone MGC:19648 IMAGE:2987818, mRNA, complete cds /cds=(62,880)	-1	GGCCTACTGACCAAAATGTTGTGTTG AGATGATATTTAACTTTTGCCAA
6038	Table 3A	Hs.21812	BE467470	9513245	AL562895 cDNA /clone=CSODC021YO20-(3-prime)	-1	AAGTTTGTGCAGCACATTCCTGAGTG TACGATATTGACCTGTAGCCAGC
6039	Table 3A	Hs.122575	BE502246	9704654	endothelial differentiation, lysophosphatidic acid G-protein-coupled receptor, 4 (EDG4), mRNA /cds=(6,1061)	-1	CGATAGAATTGAAGCAGTCCACGGG GAGGGGATGATACAGGAGTAAACC
6040	Table 3A	Hs.279522	BE502919	9705327	hz81b08.x1 cDNA, 3' end /clone=IMAGE:3214359 /clone_end=3'	-1	ATAGACTCCTAAAGAGGCGTTAAGCAC CTGGTTTTCTTTGGCTCAGAAA
6041	Table 3A	Hs.197766	BE502992	9705400	clone 23932 mRNA sequence /cds=UNKNOWN	-1	CTCAAACGAAATGGGCAGGCCATT GCGTGGTTTCTCTGGATAAGTTCC
6042	Table 3A	Hs.61426	BE550944	9792636	602329933F1 cDNA, 5' end /clone=IMAGE:4431248 /clone_end=5'	-1	GCACATGACAGTAAGCGAGGTTTGG GTAATATAGATTGAGGATGCCTAT
6043	Table 3A	Hs.201792	BE551203	9792895	7b55h12.x1 cDNA, 3' end /clone=IMAGE:3232199 /clone_end=3'	-1	TCCCAGAGTAACTGACAGTATCAAAT AGCAAGAGAGTTAGGATGAGGACT
6044	Table 3A	Hs.122655	BE551867	9793559	hypothetical protein MGC14425 (MGC14425), mRNA /cds=(318,686)	-1	ACACAGGAACCGCTTACCACCCAGCT CTGCCCCGCTCTACTACGCCATAG
6045	Table 3A	Hs.282091	BE552131	9793823	hw29b05.x1 cDNA, 3' end /clone=IMAGE:3184305 /clone_end=3'	-1	TTCTTCAAAGAGAAATACCCTATTTAA GGCTAAAATGGAAGCTCCAGT

Table 8

6046	Table 3A	Hs.146381	BE613237	9894834	RNA binding motif protein, X chromosome (RBMX), mRNA /cds=(11,1186)	-1	ACTGACCTAGCAGATGTGTGGAAAAG GAATCAGATCTTGATTCTTCTGGG
6047	Table 3A	Hs.4310	BE614297	9895894	eukaryotic translation initiation factor 1A (EIF1A), mRNA /cds=(207,641)	-1	ACAACCTCAAGTGAAAAGATGTCTCCA GTTTCTGAAGATAACGCACGCTGA
6048	Table 3A	Hs.198802	BE621611	9892551	601493754T1 cDNA, 3' end /clone=IMAGE:3895836 /clone_end=3'	-1	CGCCGACTCGTTGAAAGTTTTGTGT GTAGTTGGTTTTCGTTGAGTTCCT
6049	Table 3A	Hs.324481	BE646433	9970744	EST380617 cDNA	-1	CACCCACCTGGTGAAGGTCATCT TATGCTCAGAAGTCCCACCACCA
6050	db mining	Hs.283165	BE646441	9970752	7e86h06.x1 cDNA, 3' end /clone=IMAGE:3292091 /clone_end=3'	-1	CAACTCCTAAAGGGTTGAAGGTTGT GACAATAACTGAGGGAAGTATGT
6051	Table 3A	Hs.341573	BE646470	9970781	tc38c11.x1 cDNA, 3' end /clone=IMAGE:2066900 /clone_end=3'	-1	AAAACACTCCACCTAAAAGCAGGAAA GATGGCAATCTAAATAGCAGCTA
6052	db mining	Hs.283168	BE646492	9970803	7e87g01.x1 cDNA, 3' end /clone=IMAGE:3292176 /clone_end=3'	-1	GGAGGTTTTGATCGTGACTTTATTTT GAGATATTGTATCTTTGTTAGTATTGC
6053	Table 3A	Hs.187872	BE646499	9970810	7e87h02.x1 cDNA, 3' end /clone=IMAGE:3292179 /clone_end=3'	-1	TTGTAAGTTCCGGGGAAGTACTCA ACATGGTTCTCCAAGTCCGAGGTTG
6054	db mining	Hs.283167	BE646510	9970821	7e88b08.x1 cDNA, 3' end /clone=IMAGE:3292215 /clone_end=3'	-1	TGTGAGTGTATAGGTTACAGTGGAT TCCAAACTAGCCACAAGTGAAGCA
6055	db mining	Hs.283168	BE646569	9970880	7e89c01.x1 cDNA, 3' end /clone=IMAGE:3292320 /clone_end=3'	-1	TCAGCCAGGAGGAAAAGCACTCTGAT TATGAATTGAGCAGAAGGAAACAA
6056	db mining	Hs.283169	BE646617	9970928	7e91b07.x1 cDNA, 3' end /clone=IMAGE:3292501 /clone_end=3'	-1	GTTCCCACTCGTCTTGCCGGAGAAA CCTGCCTTTTCAAGCATAAATCAA
6057	db mining	Hs.225200	BE646640	9970951	7e91f08.x1 cDNA, 3' end /clone=IMAGE:3292551 /clone_end=3'	-1	GGGTCCAAGATTATTGATTAATTTGG GCACCGCGAGAGCTCGAGTCCCCC
6058	Table 3A	Hs.129192	BE670584	10031125	7e36h08.x1 cDNA, 3' end /clone=IMAGE:3284607 /clone_end=3'	-1	GACCACCTGTAAGCAAGTCCTTTCA AGTTTCACTGCACATCCCAAAACCA
6059	Table 3A	Hs.75703	BE670804	10031345	small inducible cytokine A4 (homologous to mouse Mip-1b) (SCYA4), mRNA /cds=(108,386)	-1	TGGTCCACTGTCACTGTTTCTCTGCT GTTGCAAATACATGGATAACACAT
6060	Table 3A	Hs.195374	BE671815	10032445	7a47c12.x1 cDNA, 3' end /clone=IMAGE:3221878 /clone_end=3'	-1	AGACTCTGAAAAGGAGGGTCGGAG TATAAACTGGCTGGGAATGAGAGG
6061	Table 3A	NA	BE672733	10033274	7b75g07.x1 NCI_CGAP_Lu24 cDNA clone IMAGE:3234108 3' similar to TR:O99231 O99231 CYTOCHROME OXIDASE	-1	TGAGAGCACACCAATAATTCACAGCA GGAATAAACGAAGACACACGAGCA
6062	Table 3A	Hs.77542	BE673364	10033905	602629438F1 cDNA, 5' end /clone=IMAGE:4754432 /clone_end=5'	-1	ACATTCTCTCATTTTGCTGAAGCTGAT TTGATTGGGTGCTGTTTCTCGC
6063	Table 3A	Hs.66357	BE673759	10034300	7d69d02.x1 cDNA, 3' end /clone=IMAGE:3278211 /clone_end=3'	-1	TGAGAAGGTAAAGTAGAAAGGGAAG ATGATGAGTGAACAATAAGCCTTGT
6064	db mining	Hs.283248	BE674662	10035284	7e93g03.x1 cDNA, 3' end /clone=IMAGE:3292756 /clone_end=3'	-1	ACATTATTCATGGGAATAAGTCATC AGTGCAAAGGACTGTAAGGAGTGC
6065	Table 3A	Hs.88845	BE674685	10035307	AV733781 cDNA, 5' end /clone=cdAASF08 /clone_end=5'	-1	CGCCGCTCCTGGAGACCTGATAACTT AGGCTTGAATAAATGACTTGTCT
6066	Table 3A	Hs.171120	BE674709	10035331	7e94f05.x1 cDNA, 3' end /clone=IMAGE:3292833 /clone_end=3'	-1	TGTATGTGCAATATGCTTATGGGTAA TTATGGGCAAGAGAAATGAAACA
6067	db mining	Hs.283249	BE674713	10035335	7e94g02.x1 cDNA, 3' end /clone=IMAGE:3292850 /clone_end=3'	-1	ACCCCTTGGTAAAGCAGTTGTAAGAA TTAAACAAGAGGAATTGCTCTTTC
6068	Table 3A	Hs.167208	BE674762	10035230	7e98d05.x1 cDNA, 3' end /clone=IMAGE:3293193 /clone_end=3'	-1	AAATCAGGCCCTTGGCCATTACACA AAAATCCTTGTGAGATGACTCAAG
6069	db mining	Hs.283247	BE674807	10035275	7e93d11.x1 cDNA, 3' end /clone=IMAGE:3292725 /clone_end=3'	-1	AGGGCAGAGGTCCTTTGGGAGGGTA AGCTCACAATAACTCAGGGAGGCAG
6070	Table 3A	Hs.174010	BE674902	10035443	7e97a04.x1 cDNA, 3' end /clone=IMAGE:3293070 /clone_end=3'	-1	TCATCTCCGCCAAGTTCCCACTAGG CAGGAAAGGATTTTATCTAAAGT
6071	Table 3A	Hs.174144	BE674951	10035492	7e97g10.x1 cDNA, 3' end /clone=IMAGE:3293154 /clone_end=3'	-1	CCACCAAGTCGGAATCCGAGTGAA ATAAATAGCATCGCCGCCAACTAC
6072	Table 3A	Hs.190065	BE674964	10035505	7f11b09.x1 cDNA, 3' end /clone=IMAGE:3294329 /clone_end=3'	-1	AGGCACAGATTGTACCATTCTCC CTTTACAAGCTGTATAATCAGTAA
6073	Table 3A	Hs.211828	BE675092	10035633	7f02d07.x1 cDNA, 3' end /clone=IMAGE:3293485 /clone_end=3'	-1	GCAACGCTGAATGTAGTAATGTGAC TCAGAGCTTCAAAGTAAAGCTTCG

Table 8

6074	db mining	Hs.330706	BE675125	10035666	IL3-UT0114-301100-357-H02 cDNA	-1	GCCACCCCATCTGGGAGGCCACGA TCCAATTCAGTCGCCCTCAATGATT
6075	db mining	Hs.283251	BE675180	10035721	7f03h06.x1 cDNA, 3' end /clone=IMAGE:3293627 /clone_end=3'	-1	TGATAGACTGGATGCTGCTATGGTAA TCTGCCTCAGGAAAATGCCGGACT
6076	db mining	Hs.339281	BE675338	10035879	HNC29-1-D4.R cDNA	-1	TGGAGCCAAGAAGCCACTGACTCAA GAGGATTTCAAGCGAGAGCTGCTTG
6077	db mining	Hs.283253	BE675379	10035920	7f08b02.x1 cDNA, 3' end /clone=IMAGE:3294027 /clone_end=3'	-1	CAACTTTTGTAAACAGGGGACTTAGCC GGGGGCAGGAGGGGTTCTTGAGAC
6078	db mining	Hs.283254	BE675403	10035944	7f08d10.x1 cDNA, 3' end /clone=IMAGE:3294067 /clone_end=3'	-1	ACTTGAAGGCACATCTTCTTTTGGT TGTTTTCCATCTTCAAATTAACCT
6079	db mining	Hs.283255	BE675434	10035975	7f09a10.x1 cDNA, 3' end /clone=IMAGE:3294138 /clone_end=3'	-1	TAAAACTGACATGACATGAGATGGT TTAAGTGTCAAACATAAGGGTCTTT
6080	db mining	Hs.283256	BE675531	10036072	7f10h08.x1 cDNA, 3' end /clone=IMAGE:3294303 /clone_end=3'	-1	ACTGACATAAGCCACTTCAGGTGTT TGGAAGACACTAAAGAGAATCAGA
6081	db mining	Hs.315345	BE675610	10036151	7f12g09.x1 cDNA, 3' end /clone=IMAGE:3294496 /clone_end=3'	-1	GCAGCTTTTGTGCGGGGGTCTA AATAAAGTAGCTTCCCAAAGAAA
6082	db mining	Hs.180637	BE675718	10036259	7f14h04.x1 cDNA, 3' end /clone=IMAGE:3294679 /clone_end=3'	-1	ACCTGGTTATCTCGCAATGACCTAGC TAACACAAATGCAACATCAGCCGG
6083	db mining	Hs.283258	BE675792	10036333	7f16b02.x1 cDNA, 3' end /clone=IMAGE:3294795 /clone_end=3'	-1	TGATCAAATGAAGATGCTCCAACCG TATAAATGGCAGATGAAATAGACT
6084	db mining	Hs.283259	BE675819	10036360	7f17d10.x1 cDNA, 3' end /clone=IMAGE:3294931 /clone_end=3'	-1	GCAGGAGAGAAATACCTTCTAATGGG TGTGGACTGGAGGAAGTGTAC
6085	db mining	Hs.283261	BE675957	10036498	7f19b08.x1 cDNA, 3' end /clone=IMAGE:3295091 /clone_end=3'	-1	AGGGCACTGTTTGTCTTCTAATATG GAGAAATATCGCAAATAACTGGGA
6086	db mining	NA	BE676019	10036560	7f20c12.x1 NCI_CGAP_CLL1 cDNA clone IMAGE:3295222 3' similar to contains Alu repetitive element, m	-1	TTGGCCTATGTTAATTTCTATTCTCAG TTCTTCTGTGCCCTTCTCTCTCT
6087	Table 3A	Hs.170584	BE676049	10036590	7f21a03.x1 cDNA, 3' end /clone=IMAGE:3295276 /clone_end=3'	-1	GAACGTAAGCCCGACGCTAGGCAGT GCTGTTAGAAAGTGATTTGGAAGAG
6088	Table 3A	Hs.181015	BE676054	10036595	signal transducer and activator of transcription 6, interleukin-4 induced (STAT6), mRNA /cds=(165,2708)	-1	ATCCCAATCTCCCTCTCAAGGCAGGG GTCATAGATCCTAAGCCATAAAAT
6089	db mining	Hs.283263	BE676154	10036695	7f24a12.x1 cDNA, 3' end /clone=IMAGE:3295582 /clone_end=3'	-1	TGCTGTAATGAGCAGCTCCATAGGA ACCTATTTCCATAGGAACCTGCA
6090	db mining	Hs.283264	BE676173	10036714	7f24c12.x1 cDNA, 3' end /clone=IMAGE:3295606 /clone_end=3'	-1	ACTGGAGAAAGGTGCTTCTGTCTCT TTCAGGGGCTCCTGCGGGGAATTC
6091	Table 3A	Hs.134648	BE676210	10036751	7f25c05.x1 cDNA, 3' end /clone=IMAGE:3295688 /clone_end=3'	-1	ATTATATTTGTCCCTATCAGAATCCTC GAATCCCTAGCAGCCAGTCCCTG
6092	db mining	Hs.283266	BE676275	10036816	7f26d04.x1 cDNA, 3' end /clone=IMAGE:3295783 /clone_end=3'	-1	TGCTCACTGTCTTCTGGAAGAGACAA GCACCTTCTTGAATTCCTAAGCA
6093	Table 3A	Hs.158714	BE676408	10036949	7f29b11.x1 cDNA, 3' end /clone=IMAGE:3296061 /clone_end=3'	-1	CAATCGGATCATTCTTCTCAACTGG GCGGCTCTTCTCCCTTCTCTCC
6094	Table 3A	Hs.220929	BE676472	10037003	cDNA FLJ14369 fis, clone HEMBA1001174, highly similar to ADP- RIBOSYLATION FACTOR-LIKE PROTEIN 5 /cds=(207,746)	-1	TGCTTTGGGCACTAGCTGAAGCCGA AGTATGAACAGTCCATTTGTTCT
6095	db mining	Hs.283268	BE676474	10037005	7f30c08.x1 cDNA, 3' end /clone=IMAGE:3296174 /clone_end=3'	-1	CACAGTTGAGTAGGAGGTCATGAAGA AGAAGAGATGATACCTGCCTTACC
6096	db mining	Hs.283269	BE676528	10037069	7f31d12.x1 cDNA, 3' end /clone=IMAGE:3296279 /clone_end=3'	-1	TTTGTGTAGCAAATGTTCAATATGC CTACTTTGTGCCAAATTCAGGCC
6097	Table 3A	Hs.123254	BE676541	10037082	AL572805 cDNA /clone=CSDDI034YH06-(3-prime)	-1	TCCAGCATGTTATTGTCTATTGACAC ACAAAGTTTGAATAAAGGGGCA
6098	db mining	Hs.283505	BE676548	10037089	wh79f01.x1 cDNA, 3' end /clone=IMAGE:2386969 /clone_end=3'	-1	CACCCACCAGCCGAGGATTCGAAAA GGGGCGAAGCGGAGAGCAAAGG
6099	db mining	Hs.283270	BE676613	10037154	7f33a08.x1 cDNA, 3' end /clone=IMAGE:3296438 /clone_end=3'	-1	TGGACTCTGTTTTCAAGGGAAGAAA CAACTGACAAATAAGTTGATGCA
6100	db mining	Hs.283271	BE676614	10037155	7f33a10.x1 cDNA, 3' end /clone=IMAGE:3296442 /clone_end=3'	-1	ATGTTGAAACTGGTTTTAACTGTGAAT GGTGTGGCTGATGTACCCGACC
6101	db mining	Hs.283272	BE676667	10037208	7f34a07.x1 cDNA, 3' end /clone=IMAGE:3296532 /clone_end=3'	-1	ACACAGATTTGAAGTCTACTGTTCTA AATGGCCTCTACTTCTGCTGCA

Table 8

6102	db mining	Hs.102165	BE676737	10037278	7f37g03.x1 cDNA, 3' end /clone=IMAGE:3296884 /clone_end=3'	-1	GGAAGCTTCTGCTTCCACTTACGATGA AGGAACTTGTACTCAATCCATCCA
6103	db mining	Hs.283276	BE676772	10037313	7f35d05.x1 cDNA, 3' end /clone=IMAGE:3296849 /clone_end=3'	-1	GAAGCCTTCTGTGGTCATAACAAGT CTCACACACCCCAAGGACTGATCT
6104	db mining	Hs.86761	BE738569	10152561	601572850F1 cDNA, 5' end /clone=IMAGE:3839581 /clone_end=5'	-1	GAGTCCAGCCTTTGAACCTGGCGCT GAATCCTGACTTTACTGCTTATTCA
6105	Table 3A	Hs.293842	BE748663	10162655	601571679F1 cDNA, 5' end /clone=IMAGE:3838675 /clone_end=5'	-1	AAACTCATACATGCAGAAAATTGTCTT TGCTCGAAATGGTAATGCCAAAA
6106	Table 3A	Hs.293842	BE748663	10162655	601571679F1 cDNA, 5' end /clone=IMAGE:3838675 /clone_end=5'	-1	AAACTCATACATGCAGAAAATTGTCTT TGCTCGAAATGGTAATGCCAAAA
6107	Table 3A	Hs.270293	BE857296	10371182	7g27b01.x1 cDNA, 3' end /clone=IMAGE:3307657 /clone_end=3'	-1	ACAAAAGTCATGGCTGTGAGGCTATC ATTACCCCTTTACCAAAGTTGGAA
6108	Table 3A	Hs.155935	BE858152	10373065	complement component 3a receptor 1 (C3AR1), mRNA /cds=(0,1448)	-1	AGTTCTATTTCTATCCCAAACCTAAGCT ATGTGAAATAAGAGAAGCTACTTTTGT
6109	Table 3A	Hs.294348	BE961923	11764299	601655335R1 cDNA, 3' end /clone=IMAGE:3845768 /clone_end=3'	-1	ATCCCGATGGTGCCCAACCGCTATTAA AGGTTCTGTTTCCACGATTTAA
6110	Table 3A	Hs.5181	BE962588	11765636	proliferation-associated 2G4, 38kD (PA2G4), mRNA /cds=(97,1281)	-1	ATGTCTCCATACCCATTACAATCTCC AGCATTCCCCTCAACCTAATAAAA
6111	Table 3A	Hs.314941	BE962883	11766238	602381893F1 cDNA, 5' end /clone=IMAGE:4499447 /clone_end=5'	-1	GCCCGTATTTACCCTATAGCACCCCC TCTACCCCTTTAGAGCCCAAAAA
6112	Table 3A	Hs.301110	BE963194	11766612	601656811R1 cDNA, 3' end /clone=IMAGE:3865731 /clone_end=3'	-1	ACATTTTCTCCCGCATAAGCCTGCGT CAGATTAACACTGAAGCTGACAA
6113	Table 3A	Hs.330887	BE963374	11766792	601657137R1 cDNA, 3' end /clone=IMAGE:3866193 /clone_end=3'	-1	CCAAGCTGGTTTCAAGCCAACCCCAT GGCCTCCATGACTTTTTCCAAAAAC
6114	Table 3A	Hs.334926	BE963551	11766970	Homo sapiens, clone MGC:8857 IMAGE:3866266, mRNA, complete cds /cds=(62,133)	-1	TGATCAGGTGAACCGAAGTCTCCAA TTTCTGAATGGATTATGTTTCTAA
6115	Table 3A	Hs.316047	BE963666	11767085	601656685R1 cDNA, 3' end /clone=IMAGE:3865820 /clone_end=3'	-1	TGAGTACGTGACACTTGTGTAGAAT AGTGGTGTGAGCTATATTTCTTGT
6116	Table 3A	Hs.294578	BE963811	11767228	601657482R1 cDNA, 3' end /clone=IMAGE:3875846 /clone_end=3'	-1	GTGACCCTTGGCACCCGCTAGAAGTT TATGGCCGAGCTTTACCAATTTAA
6117	Table 3A	Hs.302585	BE964028	11767356	601657601R1 cDNA, 3' end /clone=IMAGE:3875617 /clone_end=3'	-1	TGAACTCCAACCTTTGACCAACCCATG AGACCCCTGTTATCCAACCTTTCT
6118	db mining	Hs.210628	BE964051	11767519	601472729T1 cDNA, 3' end /clone=IMAGE:3875791 /clone_end=3'	-1	CCCTCTACTATTTGGCTCCATAACTTA GGACCTGCCTTTCCCGTTCCAG
6119	Table 3A	Hs.330588	BE964134	11767602	601151626F1 cDNA, 5' end /clone=IMAGE:3507774 /clone_end=5'	-1	CCCGTATTTACCCTATAGCACCCCT CTACCCCTTTAGAGCCCAAAAA
6120	Table 3A	Hs.252259	BE964149	11767617	ribosomal protein S3 (RPS3), mRNA /cds=(22,753)	-1	CCAACCTTCAGAACAGAAGGGTGGG AAACCAGAACCCTGCTGATGCCCC
6121	Table 3A	Hs.184052	BE964596	11768078	PP1201 protein (PP1201), mRNA /cds=(75,1010)	-1	GCGCCAGAAATCCAATCCAGCCCAA GGATATAGTTAGGATTAATTACTTA
6122	Table 3A	Hs.286754	BE965319	11769559	601659229R1 cDNA, 3' end /clone=IMAGE:3895783 /clone_end=3'	-1	CTGAGATTTTGGGTTTTCCACACGGG CAAAGATACCCGGCCTCTGCTGAG
6123	Table 3A	Hs.297190	BE965554	11770044	601659486R1 cDNA, 3' end /clone=IMAGE:3896204 /clone_end=3'	-1	ATATCATTTCCACTTAGTATTATACCC ACACCCACCCAAGAACAGGGTTT
6124	Table 3A	Hs.108327	BF001438	10701713	damage-specific DNA binding protein 1 (127kD) (DDB1), mRNA /cds=(109,3531)	-1	ACAGCATGAGAAACTGTTAGTACGCA TACCTCAGTTCAAACCTTTAGGGA
6125	Table 3A	Hs.161075	BF001821	10702096	7g93g02.x1 cDNA, 3' end /clone=IMAGE:3314066 /clone_end=3'	-1	GCTTGCCCTAGCAGAGTCATACGGAA TAATGGAAACTCAACTTCTGTTC
6126	Table 3A	NA	BF056055	10809951	7k07h12.x1 NCI_CGAP_GC6 cDNA clone IMAGE:3443950 3' similar to contains element L1 repetitive eleme	-1	CACAATGCTGCCTCCTCTGTGGATGA CTGATGGCAAGAGTCTGAATTGAA
6127	Table 3A	Hs.221695	BF058398	10812294	7k30d01.x1 cDNA, 3' end /clone=IMAGE:3476785 /clone_end=3'	-1	CCTCTCACTCTCAGACTCCAAGGGCC AAGAAAACTACGGACAGGAAGCC
6128	db mining	Hs.255664	BF058429	10812325	7k30g11.x1 cDNA, 3' end /clone=IMAGE:3476949 /clone_end=3'	-1	GAGAGGAGGGGTCTCAGACGTTGGG GGACACTGCTGGTGGGTGATTT
6129	Table 3A	Hs.43857	BF058599	10812495	mRNA for KIAA1247 protein, partial cds /cds=(285,2942)	-1	TAAGAAATCCCAATTTTCAGGAGTGG TGGTGTCAATAAACGCTCTGTGGC
6130	Table 3A	Hs.144583	BF059133	10813029	Homo sapiens, clone IMAGE:3462401, mRNA, partial cds /cds=(0,153)	-1	CGGCAGGGTGGCCTGTAACAATTTCA GTTTTCCGAGAACATTCAGGTATT

Table 8

6131	db mining	Hs.257697	BF060727	10819637	AL533532 cDNA /clone=CS0DN004YJ14-(5-prime)	-1	GGGGCTCCCTCCCGGGCTTTGTTTTCTCTGGGAGATTTTATTTCACCTAA
6132	Table 3A	Hs.193237	BF062295	10821193	7k76b11.x1 cDNA, 3' end /clone=IMAGE:3481293 /clone_end=3'	-1	GAAAGTGGAGGGAGTGGACGGGGGAGGAGACTAGCCAGAGAGGCTCATTAG
6133	Table 3A	Hs.174215	BF062628	10821538	7h62h05.x1 cDNA, 3' end /clone=IMAGE:3320601 /clone_end=3'	-1	CTTCTCCCTCTTGCCTCTGTGGTCTGATTTAAAACGAAAAGTCCGGAT
6134	db mining	Hs.159013	BF063675	10822585	hh82b10.x1 cDNA, 3' end /clone=IMAGE:2969275 /clone_end=3'	-1	GGACTTCTGAAATAGAGCTGGCTCCC TGGGGTGACAATGTATATATGCAA
6135	Table 3A	Hs.125887	BF109873	10939563	hypothetical protein FLJ14464 (FLJ14464), mRNA /cds=(69,3146)	-1	CTGGGTGTCGTGGAAGATGACGAAG ATGCTGGGCTGGCAGATGGCTCCA
6136	Table 3A	Hs.288443	BF110312	10940002	7n36d08.x1 cDNA, 3' end /clone=IMAGE:3566654 /clone_end=3'	-1	ACCAGGGCTAAAACCTCAATTTATG TCCATGACAGTGGGGATTTTTCTT
6137	Table 3A	Hs.250905	BF116224	10985700	hypothetical protein (LOC51234), mRNA /cds=(0,551)	-1	ATTCTCCAACCACAACAGCACTTCT AAAACTAACTTTACTTTCTGCCCA
6138	Table 3A	Hs.318216	BF183507	11061818	601809991R1 cDNA, 3' end /clone=IMAGE:4040470 /clone_end=3'	-1	GATATAGTCTCCATACCCCATACCA TCTCCAGCCATCCCCCTCCAAC
6139	Table 3A	Hs.96566	BF194880	11081165	602137338F1 cDNA, 5' end /clone=IMAGE:4274048 /clone_end=5'	-1	TGATACTTTGGTCTCTTCTCGTCA GGTCCCTTCATTTGTACTTTGGA
6140	Table 3A	Hs.232257	BF195579	11082611	RST2302 cDNA	-1	TAATACTGGAGGGGCTGAAGAAGG CTGTCGTGTTTTGTCACTGCTTTG
6141	Table 3A	Hs.3353	BF197153	11085769	beta-1,3-glucuronyltransferase 1 (glucuronosyltransferase P) (B3GAT1), mRNA /cds=(175,1179)	-1	GTCTTTCCCGCTTTTCTTCCCTCACTA TGTAATTCAGTAGTCTCTCAGC
6142	Table 3A	NA	BF197762	11087169	7p91f02.x1 NCL_CGAP_Skn1 cDNA clone IMAGE:3653139 3', mRNA sequence	-1	AGGAAGAGCCTGCACCTGTGGTGG AACAATCAGGAAAAGGAAGTCAAAA
6143	Table 3A	Hs.50785	BF221780	11128957	SEC22, vesicle trafficking protein (S. cerevisiae)-like 1 (SEC22L1), mRNA /cds=(119,766)	-1	TTTGAGCTTCTATAGGAGTGGAGAG GGGCAGCTCATTTGTGAGAGTTGC
6144	Table 3A	Hs.250811	BF432643	11444806	v-ral simian leukemia viral oncogene homolog B (ras related; GTP binding protein) (RALB), mRNA /cds=(170,790)	-1	TGATCTGACTGAAAAACAATCCTGTA TCCCTCCCAAAGAATCATGGGCT
6145	Table 3A	Hs.296356	BF433058	11445221	mRNA; cDNA DKFZp434M162 (from clone DKFZp434M162) /cds=UNKNOWN	-1	TCATCCCTAAACACTCTGTGATGGG ATCTTCAGGATCATCTTTGAAGT
6146	Table 3A	Hs.76611	BF433353	11445516	601435773F1 cDNA, 5' end /clone=IMAGE:3920562 /clone_end=5'	-1	TGCGTTTGTTTAGGAATGTGCTTTT GTACTTCCACTTGAATAAAGGTGT
6147	Table 3A	Hs.178703	BF433657	11445846	AV716627 cDNA, 5' end /clone=DCBBCH05 /clone_end=5'	-1	TGCTCAGGACACATGCACACAGACAT TTATCTCTGCACACTCACATTTGTG
6148	Table 3A	Hs.222833	BF435098	11447386	7p05g01.x1 cDNA, 3' end /clone=IMAGE:3645097 /clone_end=3'	-1	GGTTATTGCTGACACGCTGTCCCTCTG GCGACCTGTCGCTGGAGAGGTTGG
6149	Table 3A	Hs.293476	BF435621	11447923	hypothetical protein FKSG44 (FKSG44), mRNA /cds=(126,1520)	-1	CGTTTTCTGAGCATCCGTTGTGCCTT AACATTTTCTGCTTGCTCTTTGGG
6150	db mining	Hs.257641	BF436704	11448943	7p07d12.x1 cDNA, 3' end /clone=IMAGE:3644999 /clone_end=3'	-1	CTTCTGAATGCCCGAGCTTCTCTTT TGTGCTCACAAATGCCACCAATTC
6151	Table 3A	Hs.160980	BF437585	11449991	7p74d12.x1 cDNA, 3' end /clone=IMAGE:3651526 /clone_end=3'	-1	TGCTTACAAGGGTGATTGACCTTGCC TTACTCTTTATGTAATTTATGGCA
6152	db mining	Hs.258513	BF437915	11450432	AF150421 cDNA /clone=CBNBCG12	-1	CTGGCGTATTACCATTTTGATAGCCT CTCTTCAGGCTAGATAAGCTGGGG
6153	Table 3A	Hs.126594	BF445163	11510224	nad21d12.x1 cDNA, 3' end /clone=IMAGE:3368191 /clone_end=3'	-1	CCCTGTATTATTGAAATGTCAGCATA ATGACTGGAAGGTGAAATTGGTCC
6154	Table 3A	Hs.174104	BF445405	11510543	601438710F1 cDNA, 5' end /clone=IMAGE:3923643 /clone_end=5'	-1	ACTGCTGTTCATGAATAGATGATAC AAAGCAAGTGATGAGTTGGTATG
6155	Table 3A	Hs.143389	BF446017	11511155	7p18a11.x1 cDNA, 3' end /clone=IMAGE:3646004 /clone_end=3'	-1	TGGAAGAACAAATTCAGACATCATCA GTAAGTCTTTAGGGACACAGGGAA
6156	Table 3A	Hs.295726	BF447885	11513023	Integrin, alpha V (vitronectin receptor, alpha polypeptide, antigen CD51) (ITGAV), mRNA /cds=(41,3187)	-1	AGTAAAACTGGTACAGTGTCTCTGCT TGATTTACAACATGTAACCTGTGA
6157	Table 3A	Hs.179526	BF475501	11546328	upregulated by 1,25-dihydroxyvitamin D-3 (VDUP1), mRNA /cds=(221,1396)	-1	GCCAGAAAGTGTGGGCTGAAGATGG TTGGTTTCATGTTTTGTAATTATGT
6158	Table 3A	Hs.181311	BF478238	11549065	asparaginyl-tRNA synthetase (NARS), mRNA /cds=(73,1719)	-1	TGCTCTGAACTGAGTGAAGAAAT ATACTCTGCTCTTGTACCTGCGT
6159	Table 3A	Hs.179703	BF507849	11591147	tripartite motif protein 14 (TRIM14), mRNA /cds=(10,1230)	-1	CCATTTCCACTACATGCCTTCCCTAC CTTCCCTTCAACCAATCAAGTG
6160	Table 3A	Hs.159673	BF508053	11591351	UI-H-BI4-apx-b-11-0-ULs1 cDNA, 3' end /clone=IMAGE:3088845 /clone_end=3'	-1	ACACTTCCCTGAATGTTGAAGAAGAT ATGCTATCCATGCAATCCTTGTGC

Table 8

6161	Table 3A	Hs.158999	BF508694	11591992	UI-H-BI4-aop-f-09-0-UI.s1 cDNA, 3' end /clone=IMAGE:3085601 /clone_end=3'	-1	ACTTGTGTTTGAACCACTTCTGCTTC CTCTTTAACCTGAGATGCACACGT
6162	Table 3A	Hs.77542	BF508702	11592000	602629438F1 cDNA, 5' end /clone=IMAGE:4754432 /clone_end=5'	-1	ACATTCTCTCATTTTGTGAAGCTGAT TTGATTGGGTGCTGTTTCTCGC
6163	Table 3A	Hs.127311	BF508731	11592029	AU185774 cDNA /clone=B02302-013	-1	TGACAGAATGAACTGGAAATGAAATC CCACAGTTATGATCGTAGTAGAGT
6164	Table 3A	Hs.144265	BF509758	11593056	UI-H-BI4-agg-d-04-0-UI.s1 cDNA, 3' end /clone=IMAGE:3087390 /clone_end=3'	-1	AAGTACAGATGCCATCCGGTGCTGT GATCTTCCAGCCATCTCCATTTC
6165	Table 3A	Hs.256931	BF510393	11593691	zb02d05.s1 cDNA, 3' end /clone=IMAGE:300873 /clone_end=3'	-1	ACTGCCAATCTGATTTAAATCTCCA AGCTTAATCTGTGCAACAACA
6166	Table 3A	Hs.276341	BF510670	11593968	UI-H-BI4-aof-b-08-0-UI.s1 cDNA, 3' end /clone=IMAGE:3084615 /clone_end=3'	-1	GCCTGTTGTTCTGTTTATCGCCCTAT TTTACAAAACCTGATTCTACGCTGG
6167	Table 3A	Hs.248689	BF512500	11597602	UI-H-BI3-aw-h-10-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069162 /clone_end=3'	-1	AACCTGGCATTGCTAAGCCCCAGAAAA ATGTATTAGTGGAAACAGATGAAA
6168	Table 3A	Hs.136375	BF513274	11598453	602544150F1 cDNA, 5' end /clone=IMAGE:4666332 /clone_end=5'	-1	ACACTAGGTCCTTTTATACCTGTGCC TTTACGTTGTTTTCTGATTGCA
6169	Table 3A	Hs.300870	BF513602	11598781	mRNA; cDNA DKFZp547M072 (from clone DKFZp547M072) /cds=UNKNOWN	-1	AATACAGATTCATTTATTTAAGCGTC CGTGGCACCACAGGGACCCCG
6170	Table 3A	Hs.255340	BF514247	11599426	UI-H-BW1-ani-h-09-0-UI.s1 cDNA, 3' end /clone=IMAGE:3082601 /clone_end=3'	-1	AGTTCATCCCCTTTTTCAGAAGCTGTT GCTCTGGCTCATTAAACCTGTGA
6171	Table 3A	Hs.283022	BF514341	11599520	triggering receptor expressed on myeloid cells 1 (TREM1), mRNA /cds=(47,751)	-1	GCCTCTTTTCTGTATCACACAAGGG TCAGGGATGGTGGAGTAAAAGCTC
6172	Table 3A	Hs.83734	BF515538	11600717	syntaxin 4A (placental) (STX4A), mRNA /cds=(66,959)	-1	TGTTAGTGGCCCTCTGCATACCTATG GGAACCTCAGTGATGTAATGCAAAG
6173	Table 3A	Hs.146065	BF591040	11683364	AL580165 cDNA /clone=CS0DJ005YB18-(3-prime)	-1	CTGGGGCCGTAGCAAAAATCATGAAA AACACTTCAACCTGCTCTTCAAT
6174	Table 3A	Hs.30841	BF592138	11684462	calcium channel, voltage-dependent, beta 2 subunit (CACNB2), mRNA /cds=(501,2318)	-1	TGCCAAGTCCAGCAGATTTGCTTTATG AATTACAGGGACTAGAAATGCCCA
6175	Table 3A	Hs.695	BF690338	11975746	cystatin B (stefin B) (CSTB), mRNA /cds=(96,392)	-1	TTGCATGTCTCTTCTAAATTTTCATTG TGTTGATTCTTAAGCTTCCCGT
6176	Table 3A	Hs.142838	BF732404	12057407	nucleolar protein interacting with the FHA domain of pK1-67 (NIFK), mRNA /cds=(54,935)	-1	AGAGTGAGAAGGCAGTTCAGTTTTTA GCACAGATTTGTTTATGTGTTCAG
6177	Table 3A	Hs.296317	BF938959	12356279	mRNA for KIAA1789 protein, partial cds /cds=(3466,4899)	-1	GAAGTGACACTGACTGTATCTACCTC TCCTTTTCTTCATCAGGTGTTCCCT
6178	Table 3A	Hs.182937	BF939014	12356334	peptidylprolyl isomerase A (cyclophilin A) (PPIA), mRNA /cds=(44,541)	-1	TCCCTGGGTGATACCATCAATGTCT TAATGTACTTGTGGCTCAGACCTG
6179	Table 3A	Hs.26136	BF940103	12357423	hypothetical protein MGC14156 (MGC14156), mRNA /cds=(82,426)	-1	AATTCCAAAGGAGTGATGTTGGAATA GTCCCTTAAGGGAGGAAATGCA
6180	Table 3A	Hs.133372	BF940291	12357811	AF150127 cDNA /clone=CBCBGA01	-1	AGCCCTCCACCCACCCAGTACTTT TACAATGTGTTATTAAGACCCCT
6181	Table 3A	Hs.304900	BF980139	12347354	602288147F1 cDNA, 5' end /clone=IMAGE:4373963 /clone_end=5'	-1	CCATCCTTGAGAAATGTGGGCCACCAA GTCCATAATCTCAAATAATCCAAT
6182	Table 3A	Hs.303214	BG054649	12511436	7c45b01.x1 cDNA, 3' end /clone=IMAGE:3576912 /clone_end=3'	-1	CGTTGCATTTTACATTTGTGTGGCA GGACAAGCATGGGCAAGAGGGAC
6183	Table 3A	Hs.8258	BG054866	12512220	cDNA FLJ14737 fis, clone NT2RP3002273, weakly similar to SCD6 PROTEIN /cds=(77,1468)	-1	TATGAGTTATGCGTTTTCCACGCC TCCGAATCACTGACTGGGCGTTTT
6184	Table 3A	Hs.179661	BG056668	12521375	Homo sapiens, tubulin, beta 5, clone MGC:4029 IMAGE:3617988, mRNA, complete cds /cds=(1705,3039)	-1	TTGAAAAGATGACATCGCCCCAAGAG CCAAAAATAAATGGGAATTGAAAA
6185	Table 3A	Hs.56205	BG057282	12522612	insulin induced gene 1 (INSIG1), mRNA /cds=(414,1247)	-1	TGCACTCTACCAGATTGAACATCTA GTGAGGTTTACATTCACTAAGT
6186	Table 3A	Hs.3709	BG057892	12523835	low molecular mass ubiquinone-binding protein (9.5kD) (QP-C), mRNA /cds=(77,358)	-1	TGGTGATATCTGCTTAGATTCCCTG TATCTTTGCTGCCCTCCTTCAAGT
6187	Table 3A	Hs.5122	BG058599	12525258	602293015F1 cDNA, 5' end /clone=IMAGE:4387778 /clone_end=5'	-1	AGTTGGAGCTATCTGTGCAGCAGTTT CTCTACAGTTGTGCATAAATGTTT
6188	Table 3A	Hs.89104	BG058739	12525527	602590917F1 cDNA, 5' end /clone=IMAGE:4717348 /clone_end=5'	-1	CGTGGGAGGATGACAAAAGAGCATG AGTCAACCTGCTGGATAAACTTAGA
6189	Table 3A	Hs.166982	BG149747	12681777	phosphatidylinositol glycan, class F (PIGF), mRNA /cds=(67,726)	-1	GTTGTTTGGTCAGCATACACACTTCT CATTCATTTGATGTACACAGCCA
6190	Table 3A	Hs.100293	BG149986	12682016	O-linked N-acetylglucosamine (GlcNAc) transferase (UDP-N-acetylglucosamine: polypeptide-N-acetylglucosaminyl transferase) (OGT), mRNA /cds=(2039,4801)	-1	ACCTGGGATTTTCAATTTCTGCTGAAAG AAATAGGAAGAAGACAGGACTCACT

Table 8

6191	Table 3A	Hs.198427	BG150273	12662303	hexokinase 2 (HK2), mRNA /cds=(1490,4243)	-1	GGGTGTGATGAATAGCGAATCATCTC AAATCCTTGAGCACTCAGTCTAGT
6192	Table 3A	Hs.313610	BG150461	12662491	7k01d08.x1 cDNA, 3' end /clone=IMAGE:3443006 /clone_end=3'	-1	AGCTTTACCACCTCGCAGTTGTAGA GATAGTCCCCGAATATTATCCCA
6193	Table 3A	Hs.184456	BG230563	12725596	hypothetical protein (LOC51249), mRNA /cds=(0,611)	-1	GTGTGAAGTGACAGCCTTGTGTGTGA TGTTTTCTGCCTTCCCCAAGTTTG
6194	Table 3A	Hs.89104	BG231557	12726684	602590917F1 cDNA, 5' end /clone=IMAGE:4717348 /clone_end=5'	-1	TGTTTTAACAACTCTCTCAACATTT TGCCAGGTTATTCAGTGAACCA
6195	Table 3A	Hs.152925	BG231805	12726934	mRNA for KIAA1268 protein, partial cds /cds=(0,3071)	-1	TAAGTGGATTGGCAGACTCCTTGTGTTG CTTAAGAGTGGCTTCTAGGCAGG
6196	Table 3A	Hs.89104	BG231961	12727100	602590917F1 cDNA, 5' end /clone=IMAGE:4717348 /clone_end=5'	-1	TGTTTTAACAACTCTCTCAACATTT TGCCAGGTTATTCAGTGAACCA
6197	Table 3A	Hs.337986	BG235942	12749789	Homo sapiens, clone MGC:17431 IMAGE:2984883, mRNA, complete cds /cds=(1336,1494)	-1	GCCAGTCTCTATGTGTCTTAATCCCT TGCTCTCATTAAGCAAAACCTA
6198	Table 3A	Hs.3353	BG236015	12749862	beta-1,3-glucuronyltransferase 1 (glucuronosyltransferase P) (B3GAT1), mRNA /cds=(175,1179)	-1	GTCTTTCCCGTCTTCTCCTCACCTA TGTAATTCAGTAGTCTCTCAGC
6199	Table 3A	Hs.75703	BG236084	12749931	small inducible cytokine A4 (homologous to mouse Mip-1b) (SCYA4), mRNA /cds=(108,386)	-1	GGTCCACTCTCACTCTTCTCTGCTG TTGCAAATACATGGATAACACCCCT
6200	db mining	Hs.5146	D19756	500072	HUMGS00712 cDNA, 3' end /clone=mm0970 /clone_end=3'	-1	CATTCAAGTATTTATGGGAAGACTTG TCAAGCACCATGATAAGTGGTGGGA
6201	db mining	Hs.237971	D19770	500086	hypothetical protein MGC5627 (MGC5627), mRNA /cds=(72,584)	-1	AGAGGGGGAAGGACTTACATGACAT CCTACTGGGAATTTGCTAGAAACCA
6202	db mining	Hs.30709	D20225	501322	HUMGS01199 cDNA, 3' end /clone=pm0880 /clone_end=3'	-1	CTGGTGAAGCTGACTCCCAGGTAA GAGATATCAGCTCTGCTCAGACT
6203	db mining	Hs.30731	D20378	501474	HUMGS01352 cDNA, 3' end /clone=pm2943 /clone_end=3'	-1	TTGCTTCTCTGCTTTATAGAGTTCC CGTAAAATACCCTTCCCTGGC
6204	db mining	NA	D20425	501521	HUMGS01399 Human promyelocyte cDNA clone pm1281 3', mRNA sequence	-1	TCTGACCTCCGTGACGTTTATTACCA GCTGATGTCCGTACACTGATTCA
6205	db mining	Hs.228071	D20458	501554	HUMGS01432 cDNA, 3' end /clone=pm1542 /clone_end=3'	-1	GGGAAGGGTCCAGCAACGATTTCTCA CCAAATCACTACACAGACAAAAGG
6206	db mining	Hs.330221	D20465	501561	HUMGS01439 cDNA, 3' end /clone=pm2194 /clone_end=3'	-1	ACCCTAAATGGTTACCTACACCAA GACACTAAATGGCAGGGAGCCCT
6207	db mining	Hs.92440	D20522	501618	HUMGS01497 cDNA, 3' end /clone=pm1507 /clone_end=3'	-1	AAATTCAAATCACCTTGTATCCAC TTCTTCTCCCAACCCTCACTGAT
6208	db mining	Hs.90165	D20538	501634	HUMGS01513 cDNA, 3' end /clone=pm1504 /clone_end=3'	-1	ACCATATCGTGCAAAATGTAATATGG AATTTCCAAACATCAATGAAGGGAT
6209	db mining	Hs.90171	D20572	501668	HUMGS01547 cDNA, 3' end /clone=pm1503 /clone_end=3'	-1	AATAAGTACCCTATATAAACACTTCTC TTTCTCTCCTCCCAATGGCAGC
6210	db mining	Hs.30766	D20726	504546	HUMGS01703 cDNA, 3' end /clone=mp0664 /clone_end=3'	-1	AGCATCACTCTTAGAAGAAGCAACTC CTTCCCTTGATTTCTGTATTTGG
6211	db mining	Hs.5816	D20846	504666	HUMGS01827 cDNA, 3' end /clone=mp0825 /clone_end=3'	-1	TCAAACCAGAACTATAATGTATGAA ATAAATTAATAGAGAACCCAACAGAT C
6212	db mining	Hs.30793	D20888	504708	HUMGS01869 cDNA, 3' end /clone=mp0836 /clone_end=3'	-1	AAGGTCTCCATCTAACAGGTAGAGCA GTTGGTGCAGATGAGTAGGCCTG
6213	Table 3A	Hs.292590	D59502	960608	602626586F1 cDNA, 5' end /clone=IMAGE:4751396 /clone_end=5'	-1	GGTGATGATACCACCTCAATGCAACA GGGAAGCAAGTTCATCAGTCAACA
6214	Table 3A	Hs.119274	F13765	758015	RAS p21 protein activator (GTPase activating protein) 3 (Ins(1,3,4,5)P4-binding protein) (GAP1IP4BP), mRNA /cds=(46,2550)	-1	AGCTGTTGGGGCTGCACTGAGCTGC AATTTTAAACATGGATTATAACTT
6215	db mining	Hs.238797	H07915	872737	602081661F1 cDNA, 5' end /clone=IMAGE:4245999 /clone_end=5'	-1	AAGGAATTTGTTTTCCCTATCCTAACT CAGTAACAGAGGGTTACTCCGA
6216	db mining	Hs.11307	H09541	874363	RST29274 cDNA	-1	CGCACACATTTCTGTATGGACAAT CCTGGATTGGCTTCGTTATTTGGT
6217	Table 3A	Hs.187908	H69141	1030426	EST375312 cDNA	-1	GGTAATGAAACAATCATCCAGTTAAC AATCAGCAAGGTTCTTCAGAGCCT
6218	Table 3A	Hs.117005	H71236	1043052	sialic acid binding Ig-like lectin 5 (SIGLEC5), mRNA /cds=(142,1797)	-1	TGGAAGAGTGGACTGAAGAAAGAACT TATACTCTCCCTCCTCAAAATTTGA
6219	Table 3A	NA	H78395	1056484	yu12f03.s1 Soares fetal liver spleen 1NFLS cDNA clone IMAGE:233597 3' similar to contains Alu repet	-1	TCCTGGGCTATTGGCTTTATGATATC TTTTGAGAAACAGGATTTTCACTT
6220	Table 3A	Hs.38664	H80108	1058197	ILO-MT0152-061100-501-e04 cDNA	-1	ACCTTTTAAAGGATGCTTATTTCCACC CCAACCTCCCACTCCATTTAGT
6221	Table 3A	NA	H92914	1099242	yt94g03.s1 Soares_pineaal_gland_N3HPG cDNA clone IMAGE:231988 3', mRNA sequence	-1	GAACCTTCAAAACTGTCACTTTGAGT TCCAGAAGAGTCTTCAGCATCTT
6222	Table 3A	Hs.2210	L40410	703109	thyroid receptor interactor (TRIP3) mRNA, 3' end of cds /cds=(0,458)	-1	GTATTTGGGCTTCTCCAAGCAGATCA CGCAGACAGGGTGCTACATTTGA
6223	Table 3A	Hs.2200	L40557	705359	perforin 1 (performing protein) (PRF1), mRNA /cds=(0,1667)	-1	CAAGCATACTGGTCTTTCCAAGCTC ACTGTTCTCACCACACGGCCCCAC

Table 8

6224	Table 3A	Hs.198726	M24069	181483	vasoactive intestinal peptide receptor 1 (VIPR1), mRNA /cds=(56,1543)	-1	TCCATATCCATTTCTGACGTTGAACC ATTTGACAGTGCCAAGGACTTTGG
6225	Table 3A	Hs.132911	N20190	1125145	MR2-OT0079-290500-007-b03 cDNA	-1	AAGCCTGTTTTTCACTCTAAAAAATTC AGAGGACACGCTAAGAACGATCA
6226	Table 3A	Hs.323950	N23307	1137457	zinc finger protein 6 (CMPX1) (ZNF6), mRNA /cds=(1265,3381)	-1	CCTCAGCTTCCAACTCTGATTCCAGG ACAGGATGGAAAACCTTTGGACAG
6227	Table 3A	Hs.32250	N30152	1148672	yx81f03.s1 cDNA, 3' end /clone=IMAGE:268157 /clone_end=3'	-1	GCGCACATGGCTATTTTGATACACAA AGTTGTGTTTGTACTTTAGAAGC
6228	db mining	Hs.44512	N33584	1153983	yv21f11.s1 cDNA, 3' end /clone=IMAGE:243405 /clone_end=3'	-1	AACTCACGACAATTGCTACAAAACAC CAGGGAGGGGCTTTTTGTGTTTTT
6229	Table 3A	Hs.3353	N36787	1157929	beta-1,3-glucuronyltransferase 1 (glucuronosyltransferase P) (B3GAT1), mRNA /cds=(175,1179)	-1	GTCTTCCCGTCTTCTCTCCTCACCTA TGTAATTCAGTAGTCTCTCAGC
6230	Table 3A	Hs.38218	N39230	1162437	602569369F1 cDNA, 5' end /clone=IMAGE:4693744 /clone_end=5'	-1	GCCCTGGTATGTATGCCCTTCTCTCC TACTGTCTAATAGCACCTCGTAAA
6231	Table 3A	Hs.236456	N49836	1191002	602287746T1 cDNA, 3' end /clone=IMAGE:4375057 /clone_end=3'	-1	AAGAAACCGTGGAAGATACTGGTTTA TTTCAAATGAGCAGAGTATGTTGT
6232	Table 3A	Hs.114453	N58052	1201942	601880526F1 cDNA, 5' end /clone=IMAGE:4109119 /clone_end=5'	-1	CCACCTCTTCTGACATGAATGTAGCA TAAGTTAGCAATCGGTTCTTCCAA
6233	Table 3A	Hs.334731	N58136	1202026	Homo sapiens, clone IMAGE:3448306, mRNA, partial cds /cds=(0,2353)	-1	AGGTTCCCTTTCAAATAAAGATAAAG AATTTGACTGGGACACTGCCAGA
6234	Table 3A	Hs.205555	N72600	1229704	za46f08.r1 cDNA, 5' end /clone=IMAGE:295623 /clone_end=5'	-1	GGCTGGCCTCATTTTGAAAAGTTAGT ACAATTTCTTCAGTGCTAACTTG
6235	Table 3A	Hs.256931	N80578	1243279	zb02d05.s1 cDNA, 3' end /clone=IMAGE:300873 /clone_end=3'	-1	ACTCCAGAACGTCAGAAATGGTGTAG CAGAATGAATCTGTTATAGGAA
6236	Table 3A	Hs.303018	N94511	1266820	zb80g04.s1 cDNA, 3' end /clone=IMAGE:309942 /clone_end=3'	-1	CTGTTCGAAAGTTGGAGACTGCGCTGT ACCCAGGTTGATAGTCAATGTTT
6237	db mining	Hs.118964	NM_017660	8923093	hypothetical protein FLJ20085 (FLJ20085), mRNA /cds=(62,655)	-1	CCACCTTGAGCGCCTTCTCTGGTTG GTTGTCATGCAGTCTCACACATG
6238	Table 3A	Hs.11594	R12665	765741	yf40a04.s1 cDNA, 3' end /clone=IMAGE:129294 /clone_end=3'	-1	ACCCCTCCCTTTTTCATATCTCTTCT TCAAAAATCTAAATGATGTGCTT
6239	db mining	Hs.108082	R40823	821181	602068988F1 cDNA, 5' end /clone=IMAGE:4067972 /clone_end=5'	-1	AGTCCAGGAGGTGGTTTTAAATATT GGATGAAAACCTACAGGCTGTTTT
6240	db mining	Hs.94881	R50838	812740	602387586F1 cDNA, 5' end /clone=IMAGE:4516388 /clone_end=5'	-1	ACAATACATTTACAAGCCATCTTTAC ATGCATTAACGAGGGCTACAAC
6241	Table 3A	Hs.94881	R50838	812740	602387586F1 cDNA, 5' end /clone=IMAGE:4516388 /clone_end=5'	-1	ACAATACATTTACAAGCCATCTTTAC ATGCATTAACGAGGGCTACAAC
6242	RG housekeeping genes	Hs.92004	R52541	814443	HSU55967 cDNA /clone=39883	-1	GGCCTGAAGAAGGAGATAAGTGTTT CATTGGGCAACATAAGAGAAGTTAA
6243	RG housekeeping genes	Hs.26766	R60313	831008	602270716F1 cDNA, 5' end /clone=IMAGE:4359027 /clone_end=5'	-1	TCCATCCCAAAGGAGAGCTACTGTAC TGACTGTACTTGTGGAATGCAGCG
6244	db mining	Hs.330530	T25714	563034	ESTDIR309 cDNA, 3' end /clone=CDDIRX9 /clone_end=3'	-1	ACCCACCCTCTCAGGACCACCTGAA GGCAGAATAAACCGGATCCTGTTG
6245	db mining	NA	T25727	563047	ESTDIRX51 CD34+DIRECTIONAL cDNA clone CDDIRX51 3', mRNA sequence	-1	AAATTGTGTGAGAAGGCTGATAAAGC TCTGTGTTTCTCCCTGTGCTATT
6246	db mining	Hs.7569	T26893	567784	ESTDIR465 cDNA, 3' end /clone=CDDIR465 /clone_end=3'	-1	GCTGGGCTTCTGCAAAATTATAAAGT TGCTTTATAAATCATACATGCGG
6247	db mining	Hs.172822	T26903	567794	ESTDIR551 cDNA, 3' end /clone=CDDIR551 /clone_end=3'	-1	AGCTGATTCATTCATTCTATGTGTGC CACTAAATAAAGAGATGAGCAAGT
6248	Table 3A	Hs.185675	T98171	747516	QV2-EN0098-010201-603-a05 cDNA	-1	CCTGAAGCTGTGTTGGTGGCCTGTGA CCTTCCAATGCAATCTAGACTGTG
6249	Table 3A	Hs.58066	W72392	1382348	602389077F1 cDNA, 5' end /clone=IMAGE:4517875 /clone_end=5'	-1	CTCATACACTTCTCAGCCTCAGCACC TAACCCCTCACACAACACTCCAGTA
6250	Table 3A	NA	W86427	1400194	zh61c11.s1 Soares_fetal_liver_spleen_1NFLS_S1 cDNA clone IMAGE:416564 3', mRNA sequence	-1	TGAGTATTGTTGTGGGGGCGGGTAT GTCTGTATATAAATCTGTGCAGCCA
6251	Table 1	NA	AA136584	1697794	zn95b02.s1 Stratagene fetal retina 937202 cDNA clone IMAGE:565899 3', mRNA sequence	-1	AACATATCCAGGGAGGACAAACTCTG GGCTGGACAATGTATCCACAAGGG
6252	Table 1	NA	AA431959	2115667	zw77a03.s1 Soares_testis_NHT cDNA clone IMAGE:782188 3', mRNA sequence	-1	AGAGCAAGTCTCAGAAATAATGCTGT ATCTACACTGTATGATTTGCCA
6253	Table 1	NA	AA482019	2209697	zu98e04.s1 NCI_CGAP_GCB1 cDNA clone IMAGE:746046 3', mRNA sequence	-1	ACCACCAGCTATTTGTAATTCCTTCTT CTAAGGCATAGTAAAACCTTGCT
6254	Table 1	NA	AA524720	2265648	ng42e03.s1 NCI_CGAP_Co3 cDNA clone IMAGE:937468 3', mRNA sequence	-1	GGACGGTTGGCTGAATGGCAACAGT GATGGAATATTTATTTAGCCACA

Table 8

6255	Table 1	Hs.57787	AA588755	2402486	602381381F1 cDNA, 5' end /clone=IMAGE:4498845 /clone_end=5'	-1	AGGTTGTTATCAGGTGGCACAATA AATCCATCTTGAAGACTTCACACA
6256	Table 1	NA	AA628833	2541220	af37g04.s1 Soares_total_fetus_Nb2HF8_9w cDNA clone IMAGE:1033878 3', mRNA sequence	-1	GACTCGTTACGCCGTAGTTTGTCCTA TCTTGTATCAAAATGAATTTCTGT
6257	Table 2	Hs.180669	AA633203	2556617	OS-4 protein (OS-4) mRNA, complete cds /cds={305,1156}	-1	AGAGCTATGGGTGCTACAGGCTTGTC TTTCTAAGTGACATATTTCTATCT
6258	Table 1	Hs.239489	AA639796	2563575	TIA1 cytotoxic granule-associated RNA- binding protein (TIA1), transcript variant 2, mRNA /cds={185,1345}	-1	ACCCTTATAAACCAGAGCCAGGAAA GACAGCTCGAGTGTATAATTTCTCT
6259	Table 1	Hs.29282	AA748714	2788672	mitogen-activated protein kinase kinase kinase 3 (MAP3K3), mRNA /cds={83,1963}	-1	AGCTCCTCCCTCTCAACACCCAGTTT CCTTGGGAGTTGTCTAAAGGAA
6260	Table 1	Hs.111554	AA806222	2874972	ADP-ribosylation factor-like 7 (ARL7), mRNA /cds={14,592}	-1	GCTGTAATTTCTGTCTCATCATCTCT CTCTTTTGTTCATAGCCCTTT
6261	Table 1	NA	AA806766	2875516	ob91d04.s1 NCI_CGAP_GCB1 cDNA clone IMAGE:1338727 3', mRNA sequence	-1	TCGCTTTCTAACTGATTCATTCCAC CATGTCCAGATACTCTGGGCTGCT
6262	Table 1	Hs.226755	AA909983	3049273	RC1-UT0033-250800-022-h02 cDNA	-1	ATCCAAGCTTAAATCTGCCATCTCA GAATGGTGATAAACCAATTTCTCCC
6263	Table 1	Hs.50252	AA984245	3162770	mitochondrial ribosomal protein L32 (MRPL32), mRNA /cds={46,612}	-1	TCAGCCAACCTGAATCTGGTATCTTT ACTTAAACACAGCAGTTGTAGTTA
6264	Table 1	Hs.53542	AI084224	3422647	chorea-acanthocytosis (CHAC) mRNA, complete cds /cds={260,9784}	-1	TCAATAGTTGTAAATTTCTTCAGG CTCCTTAAACCTCGCTTTGTTGT
6265	Table 1	Hs.135187	AI091533	3430592	AV712378 cDNA, 5' end /clone=DCAAND12 /clone_end=5'	-1	AGAGGCAACACTTAAACACTAGGGCT ACTGTGGCATCTATGTAGACAGGA
6266	Table 1	Hs.11637	AI275205	3897479	602388093F1 cDNA, 5' end /clone=IMAGE:4517086 /clone_end=5'	-1	TGACTTTCAGGAATGTCCAGATTGAC CTCTCCTTGCCTGTTACTCAGC
6267	Table 1	Hs.8724	AI298509	3958245	serine threonine protein kinase (NDR), mRNA /cds={595,1992}	-1	TCTCAAGAGAGAACGCCACAGCAGA GAGACCCAATCCGC2TAAGTTGGAG
6268	Table 1	Hs.142838	AI299573	3959158	nucleolar protein interacting with the FHA domain of pKi-67 (NIFK), mRNA /cds={54,935}	-1	AGAGTGAGAAGGCAGTTCCAGTTTFA GCACAGATTTGTTTATGTGTTCCAG
6269	Table 1	Hs.100555	AI352690	4089896	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 18 (Myc-regulated) (DDX18), mRNA /cds={71,2083}	-1	GGGGTAGGAAGAGGATGGAATTGAG ATGTTTGGAGCTCATTTACATCAAT
6270	Table 1	Hs.108124	AI362793	4114414	cDNA: FLJ23088 fis, clone LNG07026 /cds=UNKNOWN	-1	GCTCGCTACCAGAAATCCTACCGATA AGCCCATCGTGACTCAAACTCAC
6271	Table 1	Hs.134342	AI363001	4114622	mRNA for LanC-like protein 2 (lancl2 gene) /cds={186,1538}	-1	GACGGCCACACACTTGTAGTGACAG CGACCTCTTCTACAGGTTTTC
6272	Table 1	Hs.192427	AI380016	4189869	602296277F1 cDNA, 5' end /clone=IMAGE:4390770 /clone_end=5'	-1	ACTTCCCTTTAGGTATCCCTGGAGT AATAATGACAACAAAATTCACCTGC
6273	Table 2	Hs.158976	AI380390	4190243	UI-H-BI2-ahi-a-03-0-UI.s1 cDNA, 3' end /clone=IMAGE:2726692 /clone_end=3'	-1	GTCCTTTGATAGCAGAACAAGAGGCT CTGTGATCCTCTGGACCTCAGATT
6274	Table 1	NA	AI392705	4222252	tg23b03.x1 NCI_CGAP_CLL1 cDNA clone IMAGE:2109581 3', mRNA sequence	-1	TGCAGGCTCATTGTCTCCTTCTTCT GGGTTTCAATTTGATTTCAGTCCCT
6275	Table 1	Hs.76239	AI393970	4223517	hypothetical protein FLJ20608 (FLJ20608), mRNA /cds={81,680}	-1	GAGGACTGGGACCGTGATTCCACTA ACCGGAAACCGTCGCCTTTCGGGCC
6276	Table 1	Hs.79968	AI419082	4265013	splicing factor 30, survival of motor neuron-related (SPF30), mRNA /cds={0,716}	-1	GGATGTGTGATGTTTATGTTGGGAA CAAAAAGCTGATGTATAGCCCTGT
6277	Table 1	Hs.121973	AI458739	4311318	602428025F1 cDNA, 5' end /clone=IMAGE:4547239 /clone_end=5'	-1	CCTGCAACAGCTAAGGCCAAGCCAA ACTTACCGTGGACTCAAACACTTTG
6278	Table 1	Hs.342008	AI498316	4390298	UI-H-BI1-aeq-b-02-0-UI.s1 cDNA, 3' end /clone=IMAGE:2720186 /clone_end=3'	-1	GCCAGAATGGTACAGAGTGGAGGGT GTTCTGCTAATGACTTCAGAGAAGT
6279	Table 1	Hs.194054	AI523854	4437989	HA0669 cDNA	-1	GACAAAATAGTTACCTATGCTTTCCTT CTGGCACCCCGAATGTACGCAGG
6280	Table 1	Hs.14623	AI571519	4534893	Interferon, gamma-inducible protein 30 (IFI30), mRNA /cds={40,951}	-1	AAGCCAGATACACAAAATCCACCC CATGATCAAGAATCCCTGCTCCACT
6281	Table 1	Hs.278554	AI627495	4664295	chromobox homolog 3 (Drosophila HP1 gamma) (CBX3), mRNA /cds={111,662}	-1	TGCTGAAAGTGGTCCCAAAGGGGTA CTAGTTTTTAAAGTCCCAACTCCCC
6282	Table 1	Hs.17132	AI633798	4685128	602326676F1 cDNA, 5' end /clone=IMAGE:4427970 /clone_end=5'	-1	GCAACTGTTTTCTAGGACATGTTTAC TAGAACTACTTAAAGTATGCTGTGC
6283	Table 1	Hs.4283	AI651212	4735191	602621616F1 cDNA, 5' end /clone=IMAGE:4755315 /clone_end=5'	-1	ACAGTTACTTTGGAGCTGCTAGACTG GTTTTCTGTGTTGGTAAATTCGCT
6284	Table 1	Hs.324507	AI678099	4888281	hypothetical protein FLJ20986 (FLJ20986), mRNA /cds={182,2056}	-1	CGCCAGAGGTGAGAATGTCTATTT TGAATTTGATCGTTACAAATGAGC
6285	Table 1	Hs.90744	AI684022	4895316	proteasome (prosome, macropain) 26S subunit, non-ATPase, 11 (PSMD11), mRNA /cds={0,1268}	-1	TTCTGACACGATTACACAACGAGGCT TTAATGCCATTTGGGTAGGTGAGC

Table 8

6286	Table 1	NA	AI688560	4899854	wd39f08.x1 Soares_NFL_T_GBC_S1 cDNA clone IMAGE:2330535 3', mRNA sequence	-1	ACTGAAAAGTTGAAAGACTTTTGCAG TGAACATTTATATAACTCCCGCT
6287	Table 1	Hs.177708	AI697756	4985656	602369210F1 cDNA, 5' end /clone=IMAGE:4477370 /clone_end=5'	-1	TGGTTCCTGTGCTCACCATAGGGCTG GTGTACATTGGGCCATTAATAAAC
6288	Table 1	Hs.80887	AI701165	4989065	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog (LYN), mRNA /cds=(297,1835)	-1	TCTGGGAAAGACATTTTTAAGCTGCT GACTTCACCTGCCAAAATCTAACAC
6289	Table 1	Hs.299883	AI742850	5111138	hypothetical protein FLJ23399 (FLJ23399), mRNA /cds=(282,1769)	-1	TGTTTTACCTCACTGTTGGACATACAT TCCAAGCTTTTCAACTCTAGGAG
6290	Table 1	Hs.14373	AI760353	5176020	yx26h11.r1 cDNA, 5' end /clone=IMAGE:262917 /clone_end=5'	-1	TTTATCTCAGAATCTTGATGAAGCTCTG AAATGACCCCTGATGGGGGCATG
6291	Table 1	Hs.36137	AI765153	5231662	hepatocyte nuclear factor 3, gamma (HNF3G), mRNA /cds=(0,1043)	-1	CCGGGAAGCGGGTACTGGCTGTGT TTAATCATTAAAGGTACCGTGCCG
6292	Table 1	Hs.195175	AI802547	5368019	mRNA for CASH alpha protein /cds=(481,1923)	-1	AGCCCTTTCTGTTGCTGTATGTTA GATGCTTTCCAATCTTTTGTACT
6293	Table 1	Hs.25648	AI803065	5368537	tumor necrosis factor receptor superfamily, member 5 (TNFRSF5), mRNA /cds=(47,880)	-1	GGGGTATGGTTAGTAATATCCACCA GACCTTCCGATCCAGCAGTTTGGT
6294	Table 1	NA	AI807278	5393844	wf38h03.x1 Soares_NFL_T_GBC_S1 cDNA clone IMAGE:2357909 3', mRNA sequence	-1	CTCTACCATAAGGCATATCAGAGAC TGCTACTGGAGTGTATATTTGGTT
6295	Table 1	Hs.220850	AI880607	5554656	ym91d11.r1 cDNA, 5' end /clone=IMAGE:166293 /clone_end=5'	-1	TGGGGCACTTTGAAAACCTTCACAGGC CCACTGTGCTGTGCTGAAATAAA
6296	Table 1	Hs.23096	AI884671	5589835	602264146F1 cDNA, 5' end /clone=IMAGE:4346626 /clone_end=5'	-1	TGGCGAGGATAAATAGAGGCATTGTT TTTGCTACTTTGCATATCATTGGC
6297	Table 1	Hs.179391	AI917642	5637497	wi52d11.x1 cDNA, 3' end /clone=IMAGE:2393877 /clone_end=3'	-1	GCAGGAAAGATGGGGTGGTGGACTG TTTTGCCTACTTTTTGTTTTTGA
6298	Table 1	Hs.180446	AI948513	5740823	importin beta subunit mRNA, complete cds /cds=(337,2967)	-1	CAGGGTATCAGATATTGTGCCTTTTG GTGCCAGGTTCAAAGTCAAGTGCC
6299	Table 1	Hs.7557	AL042081	5421428	FK506-binding protein 5 (FKBP5), mRNA /cds=(153,1526)	-1	AGGCTGCATATGGATTGCCAAGTCAG CATATGAGGAATTAAGACATTGT
6300	Table 1	Hs.39911	AL138429	6855110	mRNA for FLJ00089 protein, partial cds /cds=(62,1111)	-1	TTAAGAACCCCAAAGATTAAGGAAA CAATGTTAAGGGCTTTTGTGAGGA
6301	Table 1	Hs.13144	AL521097	12784590	HSPC160 protein (HSPC160), mRNA /cds=(53,514)	-1	GATACACTGTCAGCCAGGTCACG GCCCTAGGTTCTTACTCTAGCTAC
6302	Table 1	Hs.26670	AL540260	12870241	AL540260 cDNA /clone=CS0DF032YF03-(3-prime)	-1	ACTCAGGTGGTGTGGTGTATAGTGT GCTGGAGAAGAGAATATTACTGGT
6303	Table 1	Hs.183232	AL561892	12909772	hypothetical protein FLJ22638 (FLJ22638), mRNA /cds=(12,476)	-1	AAACACAGCCACCCCATTTCCAGACC GCCTTCCTGAGGAGAAAATGACAG
6304	Table 1	Hs.5057	AL578975	12943566	AL578975 cDNA /clone=CS0DK012YN01-(3-prime)	-1	TTGGCCCAAGTGTGATTGCTTTA TCTTTGGTACTTTTACTTGAATGG
6305	Table 1	Hs.198298	AL582354	12950255	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 2 (SMARCA2), mRNA /cds=(297,5015)	-1	AGCCTGAGGCAAATAAAATCCAGTA ATTTCAAGAATGGGTTGGCAA
6306	Table 1	Hs.101370	AL583391	12952309	AL583391 cDNA /clone=CS0DL012YA12-(3-prime)	-1	AGGACCTTGACAAGCCGTTTGGATG GAATGTAGGCCCTGATGTTATGCT
6307	Table 1	Hs.38218	AV659358	9880372	602569369F1 cDNA, 5' end /clone=IMAGE:4693744 /clone_end=5'	-1	TGTAAGTTGACTTTCAAAAGTCTCTG GAAACACTGGACTTTAGCTGGTCC
6308	Table 1	Hs.301704	AW002985	5849991	eomesodermin (Xenopus laevis) homolog (EOMES), mRNA /cds=(0,2060)	-1	AACAAGCCATGTTGCCCTAGTCCAG GATTGCCTCACITGAGACTTGCTA
6309	Table 1	NA	AW027160	5885916	wf72b08.x1 Soares_thymus_NHFTh cDNA clone IMAGE:2512983 3' similar to contains Alu repetitive eleme	-1	ACCGCCAAAGCCAATCATCCACTTTC AGTACTTACCTAACCAATCTCCCA
6310	Table 1	Hs.89433	AW071894	6026892	ATP-binding cassette, sub-family C (CFTR/MRP), member 1 (ABCC1), transcript variant 1, mRNA /cds=(196,4791)	-1	TTTGGGGGATCCTTTTGTAAATGACTT ACACTGGAATGCGAACATTTGCA
6311	Table 1	Hs.335449	AW136717	6140850	UI-H-BI1-adm-a-03-0-UI.s1 cDNA, 3' end /clone=IMAGE:2717092 /clone_end=3'	-1	TTCTGGCCTGTTCACCTAGAAACGC TATTTCTGTGTATGTTCTGGC
6312	Table 1	Hs.12035	AW137149	6141282	602122419F1 cDNA, 5' end /clone=IMAGE:4279300 /clone_end=5'	-1	GGGTTACATTTGAGTCTCTGTACCTG CTTGGAAGAAATAAAATACGTGT
6313	Table 1	Hs.337727	AW161820	6300853	au70h03.x1 cDNA, 3' end /clone=IMAGE:2781653 /clone_end=3'	-1	TGTGGGCTGGTATAAACCTACTTT GTGATTTGCTAAAGCAGAGGATGT
6314	Table 1	Hs.81248	AW166442	6397967	CUG triplet repeat, RNA-binding protein 1 (CUGBP1), mRNA /cds=(137,1585)	-1	ACTGGCAATGAAGCATACTGGCTTG CAGGGACCTTCTGATTCAGTACA
6315	Table 1	Hs.166975	AW283159	6699795	splicing factor, arginine/serine-rich 5 (SFRS5), mRNA /cds=(218,541)	-1	CTCCCATCATTCCTCCGAAAGCCA TTTTGTTCAGTTGCTCATCCAGC
6316	Table 1	Hs.328348	AW338115	6834741	tp39g05.x1 cDNA, 3' end /clone=IMAGE:2190200 /clone_end=3'	-1	GGCGTTTCCCATTTGACCAAGTTGACC CTGTTTGAATAAGAGAAGTGCC

Table 8

6317	Table 1	Hs.337986	AW440517	6975823	Homo sapiens, clone MGC:17431 IMAGE:2984883, mRNA, complete cds /cds=(1336,1494)	-1	GCCAGTCTCTATGTGTCTTAATCCCT TGTCCTTCATTAAGCAAAACTA
6318	Table 1	Hs.250	AW444632	6986394	xanthene dehydrogenase (XDH), mRNA /cds=(81,4082)	-1	TGCAATGAGGCAGTGGGGTAAAGTT AAATCCTCTAACCGCTTTTGAATCA
6319	Table 2	Hs.335815	AW444812	6986574	UI-H-BI3-ajy-d-11-0-UI.s1 cDNA, 3' end /clone=IMAGE:2733380 /clone_end=3'	-1	TGGCAACTTCAACTCCTTGATGGCGA TAATCTCTGGTATGAATATGAGCC
6320	Table 1	Hs.342873	AW451293	6992069	RC3-HT0230-130100-014-g06 cDNA	-1	TGCTTGGGAAATTTGGTTTGTAAACC TAAATAGCCCTTATTTCTGGGGA
6321	Table 1	Hs.342735	AW452096	6992953	UI-H-BI3-alo-d-02-0-UI.s1 cDNA, 3' end /clone=IMAGE:3068186 /clone_end=3'	-1	CTTTCTGCCTGAAGCTGCCCCATGA CTCCTTCTTTGTGCCAAAAGCATG
6322	Table 1	Hs.80618	AW510795	7148873	hypothetical protein (FLJ20015), mRNA /cds=(31,522)	-1	ACCCAGTTTGTGCATAGTTCATGATC CTCTATAAAACCAGCTTTTGTGGA
6323	Table 1	Hs.259842	AW614193	7319379	cDNA FLJ11025 fis, clone PLACE1003968, moderately similar to 5'-AMP-ACTIVATED PROTEIN KINASE, GAMMA-1 SUBUNIT /cds=(159,1145)	-1	ACACCATTTTCAGCGTTGGATCACAGA CAGCTCTTCTTTATATCCAGCA
6324	Table 1	Hs.334437	AW778778	7793371	hypothetical protein MGC4248 (MGC4248), mRNA /cds=(70,720)	-1	TGGCATAATGTTGGATTGAATCTACA TTTTGGCAGAAGTTAAACATTCCTC
6325	Table 1	Hs.151393	AW778854	7793457	glutamate-cysteine ligase, catalytic subunit (GCLC), mRNA /cds=(92,2005)	-1	AGAATGCCCTGGTTTTCGTTGCAATT TGCTTGTGTAATCAGGTTGTAAA
6326	Table 1	Hs.120243	BE044364	8361417	gamma-parvin (PARVG), mRNA /cds=(0,995)	-1	ATCGTTGGATTATCTTTGAACCCCT TGTTGGATCATTTTGGAGCCGCT
6327	Table 1	Hs.5734	BE218938	8906256	meningioma expressed antigen 5 (hyaluronidase) (MGEA5), mRNA /cds=(395,3145)	-1	ATACAGGGTCCATCCAGAAAGCATT CAGTCAGAGCAAGTTAAAGTCAGT
6328	Table 1	Hs.167988	BE222301	8909619	neural cell adhesion molecule 1 (NCAM1), mRNA /cds=(201,2747)	-1	AAGTTGCTCTGTGCTAAAGCAAGCGT GGGATGATCCTACCTACCTTAGG
6329	Table 1	Hs.27774	BE348809	9260662	602386841F1 cDNA, 5' end /clone=IMAGE:4515730 /clone_end=5'	-1	AGCTAGTGATGTTTGTCCAAAGGAA GATTCTGACAACAGCTTCAGCAGA
6330	Table 1	NA	BE348955	9260808	hs91h01.x1 NCI_CGAP_Kid13 cDNA clone IMAGE:3144625 3', mRNA sequence	-1	ACACAGACATATTGACCGCACACAAC ACTGAAATGGACTGACTTGAGAAA
6331	Table 1	Hs.56156	BE349148	9261087	601463367F1 cDNA, 5' end /clone=IMAGE:3866512 /clone_end=5'	-1	TGGTTCTCTGATTTGTAATGAGCACC TGGATATGTCAATTAATGCCCA
6332	Table 1	Hs.127428	BE466500	9512198	Homo sapiens, Similar to homeo box A9, clone MGC:19648 IMAGE:2987818, mRNA, complete cds /cds=(62,880)	-1	GGCCTACTGACCAAATTTGTTGTGTTG AGATGATATTTAACTTTTTGCCAA
6333	Table 1	Hs.122575	BE502246	9704654	endothelial differentiation, lysophosphatidic acid G-protein-coupled receptor, 4 (EDG4), mRNA /cds=(6,1061)	-1	CGATAGAATTGAAGCAGTCCACGGG GAGGGGATGATACAAGGAGTAAACC
6334	Table 1	Hs.197766	BE502992	9705400	clone 23932 mRNA sequence /cds=UNKNOWN	-1	CTCAAACGAAATGGGCAGGCCATTT GCCTGGTTTCTCTGGATAAGTTCC
6335	Table 1	Hs.61426	BE550944	9792636	602329933F1 cDNA, 5' end /clone=IMAGE:4431248 /clone_end=5'	-1	GCACATGACAGTAAGCGAGGTTTTGG GTAATATAGATGAGGATGCCTAT
6336	Table 1	Hs.122655	BE551867	9793559	hypothetical protein MGC14425 (MGC14425), mRNA /cds=(318,686)	-1	ACACAGGAACCGCTTACCCACCAGCT CTGCCGCGTCTCTACCGCCATAG
6337	Table 1	Hs.4310	BE614297	9895894	eukaryotic translation initiation factor 1A (EIF1A), mRNA /cds=(207,641)	-1	ACAACCTCAAGTAAAAGATGTCTCCA GTTTCTGAAGATAACGCACGCTGA
6338	Table 1	Hs.341573	BE646470	9970781	tc38c11.x1 cDNA, 3' end /clone=IMAGE:2066900 /clone_end=3'	-1	AAAACACTCCACCTAAAAGCAGGAAA GATGGCAATTCTAAATAGCAGCTA
6339	Table 1	Hs.88845	BE674685	10035307	AV733781 cDNA, 5' end /clone=cdAASF08 /clone_end=5'	-1	CGCCGCTCCTGGAGACCTGATAACTT AGGCTTGAATAATTGACTTGTCT
6340	Table 1	Hs.181015	BE676054	10036595	signal transducer and activator of transcription 8, interleukin-4 induced (STAT6), mRNA /cds=(165,2708)	-1	ATCCCATTTCTCCCTCTCAAGGCAGGG GTCATAGATCCTAAGCCATAAAAT
6341	Table 1	Hs.108327	BF001438	10701713	damage-specific DNA binding protein 1 (127kD) (DDB1), mRNA /cds=(109,3531)	-1	ACAGCATGAGAACTGTTAGTACGCA TACCTCAGTTCAAACCTTTAGGGA
6342	Table 1	NA	BF056055	10809951	7k07h12.x1 NCI_CGAP_GC6 cDNA clone IMAGE:3443950 3' similar to contains element L1 repetitive eleme	-1	CACAATGCTGCCTCCTCTGTGGATGA CTGATGGCAAGAGTCTGAATTGAA
6343	Table 1	Hs.43857	BF058599	10812495	mRNA for KIAA1247 protein, partial cds /cds=(285,2942)	-1	TAAGAAATCCCAATTTTCAGGAGTGG TGGTGTCAATAAACCGCTCTGTGGC
6344	Table 1	Hs.144583	BF059133	10813029	Homo sapiens, clone IMAGE:3462401, mRNA, partial cds /cds=(0,153)	-1	CGGCAGGGTGGCCTGTAACAATTTCA GTTTTCGCAGAACATTCAGGTATT
6345	Table 1	Hs.144519	BF061421	10820331	T-cell leukemia/lymphoma 6 (TCL6), transcript variant TCL6a2, mRNA /cds=(1767,2192)	-1	GCTGGAGGGAGAGGCACTGGGGAAT TTTTCTGGTGAATACTGAAGTTAC

Table 8

6346	Table 1	Hs.96566	BF194880	11081165	602137338F1 cDNA, 5' end /clone=IMAGE:4274048 /clone_end=5'	-1	TGATACTTTGGTCTCTTCTCCTGCTCA GGTCCCTTCATTTGTACTTTGGGA
6347	Table 1	Hs.111583	BF197608	11088855	602365742F1 cDNA, 5' end /clone=IMAGE:4473923 /clone_end=5'	-1	ACTGCCAGTGAAGACTGTAAAGACAG AACACACTATTTTGGAGGGAGGAT
6348	Table 2	NA	BF197762	11087169	7p91f02.x1 NCI_CGAP_Skn1 cDNA clone IMAGE:3653139 3', mRNA sequence	-1	AGGAAGAGCCTGCACCTGTGGTGGGA ACAATCAGGGAAAAGGAAGTCAAAA
6349	Table 2	Hs.50785	BF221780	11128957	SEC22, vesicle trafficking protein (S. cerevisiae)-like 1 (SEC22L1), mRNA /cds=(119,766)	-1	TTTGGAGCTTCTATAGGAGTGGAGAG GGGCAGCTCATTGTTGAGAGTTGC
6350	Table 1	Hs.250811	BF432643	11444806	v-ral simian leukemia viral oncogene homolog B (ras related; GTP binding protein) (RALB), mRNA /cds=(170,790)	-1	TGATCTGACTGGAAAACAATCCTGTGA TCCCCTCCCAAAGAATCATGGGCT
6351	Table 1	Hs.293476	BF435621	11447923	hypothetical protein FKSG44 (FKSG44), mRNA /cds=(126,1520)	-1	CGTTTTCTGAGCATCCGTTGTGCCTT AACATTTTCTGCTTGCTTTGGG
6352	Table 1	Hs.174104	BF445405	11510543	601438710F1 cDNA, 5' end /clone=IMAGE:3923643 /clone_end=5'	-1	ACTGCTGTTGCATGAATAGATGATAC AAAGCAAGTGATGAGTTGGTATG
6353	Table 1	Hs.295726	BF447885	11513023	integrin, alpha V (vitronectin receptor, alpha polypeptide, antigen CD51) (ITGAV), mRNA /cds=(41,3187)	-1	AGTGAAAACCTGGTACAGTGTCTGCT TGATTTACAACATGTAACCTTGTA
6354	Table 1	Hs.181311	BF478238	11549065	asparaginyl-tRNA synthetase (NARS), mRNA /cds=(73,1719)	-1	TGTCCTCTGAACCTGAGTGAAGAAAT ATACTCTGCTTTGTACCTGCGT
6355	Table 1	Hs.179703	BF507849	11591147	tripartite motif protein 14 (TRIM14), mRNA /cds=(10,1230)	-1	CCATTCCACTACATGCCCTTCCTAC CTTCCCTTCAACCAATCAAGT
6356	Table 1	Hs.300870	BF513602	11598781	mRNA; cDNA DKFZp547M072 (from clone DKFZp547M072) /cds=UNKNOWN	-1	AATACAGATTTCATTTTAAAGCGTC CGTGGCACCCGACAGGGACCCAG
6357	Table 1	Hs.283022	BF514341	11599520	triggering receptor expressed on myeloid cells 1 (TREM1), mRNA /cds=(47,751)	-1	GCCTCTTTTCTGATCACACAAGGG TCAGGATGGTGGAGTAAAGCTC
6358	Table 1	Hs.146085	BF591040	11683364	AL580165 cDNA /clone=CS0DJ005YB18-(3-prime)	-1	CTGGGGCCGTAGCAAAAATCATGAAA AACACTTCAACGTGCTCTTCAAT
6359	Table 1	Hs.170577	BF725383	12041294	602574255F1 cDNA, 5' end /clone=IMAGE:4702644 /clone_end=5'	-1	CAGACCTGTGGGCTGATTCAGACT GAGAGTTGAAGTTTGTGGTGCATCA
6360	Table 1	Hs.104640	BF726114	12042025	HIV-1 inducer of short transcripts binding protein (FBI1), mRNA /cds=(0,1754)	-1	AAGGCAACCAACCACATAGAAGTCT TGGCACTTTGTACCGAACGGGTA
6361	Table 1	Hs.296317	BF938959	12356279	mRNA for KIAA1789 protein, partial cds /cds=(3466,4899)	-1	GAAGTGACACTGACTGTATCTACCTC TCCTTTTCTCATCAGGTGTTCCCT
6362	Table 1	Hs.26136	BF940103	12357423	hypothetical protein MGC14156 (MGC14156), mRNA /cds=(82,426)	-1	AATTCCAAGGAGTGATGTTGGAATA GTCCCTCTAAGGGAGAGAAATGCA
6363	Table 1	Hs.133372	BF940291	12357611	AF150127 cDNA /clone=CBCBGA01	-1	AGCCCTCCACCACCCAGTACTTT: TACAATGTGTTAATAAGACCCCT
6364	Table 1	Hs.304900	BF980139	12347354	602288147F1 cDNA, 5' end /clone=IMAGE:4373983 /clone_end=5'	-1	CCATCCTTGAGAAATGTGGGCCACCAA GTCCATAATCTCCATAAATCCAAAT
6365	Table 1	Hs.8258	BG054968	12512220	cDNA FLJ14737 fis, clone NT2RP3002273, weakly similar to SCD6 PROTEIN /cds=(77,1468)	-1	TATGAGTTTATGCGTTTTCCAGCCC TCCGAATCACTGACTGGGGCGTTT
6366	Table 1	Hs.5122	BG058599	12525258	602293015F1 cDNA, 5' end /clone=IMAGE:4387778 /clone_end=5'	-1	AGTTGGAGCTATCTGTGAGCAGTCT CTCTACAGTTGTGCATAAATGTTT
6367	Table 2	Hs.89104	BG058739	12525527	602590917F1 cDNA, 5' end /clone=IMAGE:4717348 /clone_end=5'	-1	CGTGGGAGGATGACAAAGAAGCATG AGTCAACCCTGCTGGATAAACTTAGA
6368	Table 1	Hs.166982	BG149747	12661777	phosphatidylinositol glycan, class F (PIGF), mRNA /cds=(67,726)	-1	GTGGTTTGGTCAACACACTTCT CATTTTCATTTGATGACACAGCCA
6369	Table 1	Hs.184456	BG230563	12725596	hypothetical protein (LOC51249), mRNA /cds=(0,611)	-1	GTGTGAAGTGACAGCCTTGTTGTGA TGTTTTCTGCCTTCCCAAAGTTG
6370	Table 1	Hs.3353	BG236015	12749862	beta-1,3-glucuronosyltransferase 1 (glucuronosyltransferase P) (B3GAT1), mRNA /cds=(175,1179)	-1	GTCTTTCCCGCTTTTCTCCACCTTA TGTAATTCAGTAGTCTCTCAGC
6371	Table 1	Hs.83623	BG654774	13792183	nuclear receptor subfamily 1, group I, member 3 (NR1I3), mRNA /cds=(272,1318)	-1	TGTTTTCGTAAATTAATAGGTCTGGC CCAGAAGACCCTCAATTGCTT
6372	Table 1	Hs.109007	BG655723	13793132	602342214F1 cDNA, 5' end /clone=IMAGE:4452602 /clone_end=5'	-1	GTGGAATCAGCACACAACCACAATG ACATTTAAGCACAGGATCATTATT
6373	Table 1	Hs.14453	BG744911	14055564	interferon consensus sequence binding protein 1 (ICSBP1), mRNA. /cds=(47,1327)	-1	AGAATGGCAGACCTGTTTGTGAAAGT GTTTCATAAGATAACAATAGGCTTG
6374	Table 1	Hs.2730	BI084548	14502878	heterogeneous nuclear ribonucleoprotein L (HNRPL), mRNA /cds=(28,1704)	-1	TGGGATTTTGTGTTTAAAGTCATTTGGT TTGGGGAGGACCTGTTTATTTT
6375	Table 1	Hs.298356	BI085832	14504162	mRNA; cDNA DKFZp434M162 (from clone DKFZp434M162) /cds=UNKNOWN	-1	TGGACAACTGACAGGGACTGCTTTG AAAGACAGGTAAGTTCAGTTGATAT

Table 8

6376	Table 1	Hs.132911	N20190	1125145	MR2-OT0079-290500-007-b03 cDNA	-1	AAGCCTGTTTTCACTCTAAAAATTCA AGAGGACACGCTAAGAACGATCA
6377	Table 1	Hs.334731	N58136	1202026	Homo sapiens, clone IMAGE:3448306, mRNA, partial cds /cds=(0,2353)	-1	AGGTTCCCTTTCAAATAAAGATAAAG AATTTGACTTGGGACACTGCCAGA
6378	Table 1	Hs.303018	N94511	1266820	zb80g04.s1 cDNA, 3' end /clone=IMAGE:309942 /clone_end=3'	-1	CTGTTCGAAAGTTGGAGACTGCCTGT ACCCAGGTTGATAGTCAATTGTTT
6379	Table 1	NA	W68708	1377589	zd35h04.s1 Soares_fetal_heart_NbHH19W cDNA clone IMAGE:342679 3', mRNA sequence	-1	AGCAGAGTTAAGTTTAAATTTCCATTC TCACTAGTTTGTGACCTTTGCCA
6380	Table 1	NA	W86427	1400194	zh61c11.s1 Soares_fetal_liver_spleen_1NFLS_S1 cDNA clone IMAGE:416564 3', mRNA sequence	-1	TGAGTATTGTTGTGGGGCGGGTAT GTCTGTATATAAATCTGTGCAGCCA
6381	Table 3A	NA		36G5		1	CCCTTGACAGATACATGAGACAGGCA GGGGCTGGAGTCTTGTCCATCCTG
6382	Table 3A	NA		36F11		1	GAGTAGTTGTCTTTCTGGCACTAAC GTTGAGCTCGTGTACGCACTGAAG
6383	Table 1	NA		37G7		1	GAGTCCAATCTACACTCTAGTAGTGA AGACAGAAGAGTTGGCATAACGAGT
6384	Table 1	NA		37G8		1	GGCTGAACCTACTCATTAAAGCCACAT AACTTCGAGTCAAGTCCAGTCCA
6385	Table 3A	Hs.197345			thyroid autoantigen 70kD (Ku antigen) (G22P1), mRNA /cds=(17,1846)	1	GCTCTCAAGCCTCCTCCAATAAAGCT CTATCGGGAAACAAATGAACCACT
6386	Table 1	NA		40E4		1	AGGAATGCACACATTGCTCCAGGATC ACTGTGAGGATTAAGGAGATGGT
6387	Table 3A	NA		41E9		1	AGTAACGGAACAGTCCCAGTACTCC TGTTTCTAGGTGAGCAGGTGATG
6388	Table 3A	Hs.169476			Homo sapiens, glyceraldehyde-3- phosphate dehydrogenase, clone MGC:10926 IMAGE:3628129, mRNA, complete cds /cds=(2306,3313)	1	GGTGTGAACCATGAGAAGTTCGACAA CAGCCTCAAGATCATCAGCAATGA
6389	Table 3A	NA		47E5		1	GGAGGTGTATAGGCTGGGATTTGAAA AGGAAAATAATCAGCGTGGTGCCA
6390	Table 2	NA		47D11		1	CCTAGACACCTGCATCAGTCAAGGTC ATGGATATTGGGAAGACAGACAGC
6391	Table 1	NA		50A11		1	TCCAGCAGATATAGGAAGCAGTGTAT CTAAACAGACAATAAAAAGGCCT
6392	Table 3A	Hs.132906			DNA sequence from clone RP11- 404F10 on chromosome 1q23.1-24.1. Contains the 5' end of the SLAM gene for signaling lymphocytic activation molecule, a SET (SET translocation (myeloid leukemia-associated)) protein pseudogene, the CD48 gene for CD48 antigen (B-cell membrane protein), the gene for a novel LY9 (lymphocyte antigen 9) like protein and the 5' end of the LY9 gene. Contains ESTs, STSs and GSSs /cds=(41,1048)	1	ATCTAGTGTACGAGACTTGGAGTCAG GCAGTGAGACTGGTGGGGCACGGG
6393	Table 1	NA		52B9		1	TGGTTTAAATGGAAATGCTCTGAAAA ATTCTTTTGCAACAGTTCATCGCT
6394	Table 1	NA		53B1		1	CACTAAAAGAGTGGGGAGGTGCAGC ACCTGGCTGGGGAAACAAGAATATGG
6395	Table 1	NA		53E3		1	AAACGAATCACGTGCCTCGAAAGGG ACATATATTGTTCCTTTAAAGCATT
6396	Table 1	NA		53E10		1	AAGGGTTCAATTTCTTTTGGAAAGG TGATGGTAAGGGTGTGGCTCCAGA
6397	Table 2	NA		53G7		1	TGGACAATCCAAGTCCAAGAGGACT GTCTACTTTCGACCTTGTGTGATT
6398	Table 1	NA		54F4		1	TTGTGTTAACCTGTTGTCCACGCTAA GATACAAACTCCCAGGAGAAAGT
6399	Table 1	NA		54G9		1	TGTCACAGTGTCTATTATTGCCCCG GTTCTTAAAGTGAGAGCATCTGA
6400	Table 1	NA		59G1		1	ACAATGATATTGATGAGGCACCCAGT CTTTTCATTTACTCTGAGTGAAGT
6401	Table 1	Hs.48320			mRNA for ring-IBR-ring domain containing protein Dorfin, complete cds /cds=(317,2833)	1	AGATCGAGATCTCAGTCTCTGCTT CATCTGTGAGCTTGCCCTCAGTCA
6402	Table 1	NA		60G8		1	GGCCAGAGACCCTAAGCTGCTTAATA CATTTATACCACATCCTTCTCAGC
6403	Table 2	NA		62C9		1	CCCTTGGAACTACTTGTCAACTTCTT TCTTCCCACTAGACGGGGACTT
6404	Table 3A	NA		62F11		1	CTTTGTAGATGCAGAGAGAAGCTATA AGAAACCCAGTACTTCCCGGGCG
6405	Table 1	NA		63E1		1	ACTGCCACATCTGACTTTACAGAATA ACCAATGTAAGTTAAATAGAGAAAC AG

Table 8

6406	Table 2	NA	65B1	1	AGTCTTGCAGTCAACTCAGACTCAA ATGTAGAAGTGGGAAGGACAGTGC
6407	Table 2	NA	65D10	1	AGCACTGTGCAGATGGCTTTAGAAGA TTCAGAACAGAAAGCACAATCTGTT
6408	Table 2	NA	65D11	1	AGCACTGTGCAGATGGCTTTGAAGA TTCAGAACAGAAAGCACAATCTGTT
6409	Table 2	NA	65D12	1	CTATGGAGTCTTGGAGGACTGGA GTCACCATGCTAACACTGTGCAGAT
6410	Table 1	NA	68C9	1	CCCTGTCACCCCTTCGTGGCCAGTGC CAGACAGTAACTAGTGGATGCTAAA
6411	Table 1	NA	69F8	1	GAGAGAATAGGGTAGAGAGACCGGG ACTTGGGTAGAGATGACCGGGATTCT
6412	Table 1	NA	69H11	1	AGTGGAAGCTAGGAGAAAATCGAAT GTGTTAGGGACTTTGAAGTTACCA
6413	Table 3A	NA	70B6	1	CTGCATCTCTCTTACTACCAGTGATT ACAAAGTGGGGTTTGGTGGGAGT
6414	Table 3A	Hs.17109	integral membrane protein 2A (ITM2A), mRNA /cds=(139,930)	1	TCTCTGACTTCTTATTACCAAGGACA CTCTATCTGTTGCCTCTTACTCTT
6415	Table 2	NA	72D4	1	CAGTTCAGATGTGCGTGTGTGGT CCCCAAGTATCACCTTCCAATTTTC
6416	Table 3A	Hs.234279	microtubule-associated protein, RP/EB family, member 1 (MAPRE1), mRNA /cds=(64,870)	1	AACGACCCCTGTATTGCAGAAAGATTGT AGACATTCTGTATGCCACAGATGA
6417	Table 2	NA	72D8	1	GGGTCCCGAGCCCTTCAAGAGCTAG ATTTACTCAAGTTTGTTCCTTGCC
6418	Table 1	NA	73C4	1	CACTGAAGCCAAACCACAGAAGACTT TTGAGAATGAGGAGACAAATGAGT
6419	Table 1	NA	73H4	1	AGGTGAAAATTACTCTTCAGAAAGATA GCAGAGTGGATAATGGCCATCGA
6420	Table 2	NA	73A7	1	TGCAGTGAGACTACATTCTGTCTAA AGAAGATGTGTGAGTTCCGTCCTT
6421	Table 3A	Hs.174228	small inducible cytokine subfamily C, member 2 (SCYC2), mRNA /cds=(0,344)	1	TCCAGCCAGCCAGCTCATTTCACTTT ACACCCTCATGGACTGGGATTATA
6422	Table 3A	Hs.3945	CGI-107 protein (LOC51012), mRNA /cds=(84,719)	1	TTTCATACATTGGAAGTCCACCTGAC TTTGGACCAACCCAGAACAGAGC
6423	Table 1	NA	75A2	1	AGCACCGGAATACAAAATGATACTA TGCTGCCCTCCTAGATCTCAGGGA
6424	Table 3A	Hs.249495	heterogeneous nuclear ribonucleoprotein A1 (HNRPA1), transcript variant 2, mRNA /cds=(104,1222)	1	TGCCCATACATGAGATTTGTCTA AAACATGTCTTCTTTGTAGCAGCT
6425	Table 2	NA	75B12	1	GCAAATCTAAACTGCAGGAAAATTTT TGCACCCGAAGTATTAGATCCCT
6426	Table 2	Hs.205442	601439689F1 cDNA, 5' end /clone=IMAGE:3924407 /clone_end=5'	1	GGCCCAAGTCTAATGTAACCAATGAT GCCATGTGCATATTGGAACCATA
6427	Table 3A	NA	101G7	1	GGGGAAGAACAAGATAATCTAGTGAC CTCACCCAGTCTATGCCAGGCC
6428	Table 3A	Hs.179565	minichromosome maintenance deficient (<i>S. cerevisiae</i>) 3 (MCM3), mRNA /cds=(44,2470)	1	AATTCAACTGAAGCCGAGGAATGTTG GTGATGAAGCTGAGATCAGGACTC
6429	Table 1	Hs.119640	hBKL for basic kruppel like factor (LOC51274), mRNA /cds=(55,1092)	1	CACCTATATCGAAAGTTTGGGCTCAT CTCCCATTTGGTGGCAAGACTCC
6430	Table 3A	Hs.215595	guanine nucleotide binding protein (G protein), beta polypeptide 1 (GNB1), mRNA /cds=(280,1302)	1	TGGTGGAAAAGTGTGTCTGTCTGACA ATTACACTCAAGTTTACTCTGGT
6431	Table 1	NA	105A10	1	ACGATAAATACTGTTGGTTACTGCCAT AAATATTGGAAGCTAATGTAATGCA A
6432	Table 1	NA	107G11	1	TTCTCTTATAAAGGACAGCAAGTTTAA AATGGAGCAAGGAGCATTGGAAA
6433	Table 1	NA	107H8	1	TGGCCAAAAGAATGAAAGCTTAGACC TTCTTATTCTATCTGTAACAAACA
6434	Table 3A	Hs.64239	DNA sequence from clone RP5- 1174N9 on chromosome 1p34.1-35.3. Contains the gene for a novel protein with IBR domain, a (pseudo?) gene for a novel protein similar to MT1E (metallothionein 1E (functional)), ESTs, STSs, GSSs and two putative CpG islands /cds=(0,2195)	1	ACATGACCTGTGCAGTGTGTGGCTGT GAATTCTGTGGCTTTGTATGAAA
6435	Table 1	NA	109H9	1	TGACATAACTACCATCCCTGCAACTA ATGAACCCACCCTCACAGTTCTCT
6436	Table 3A	Hs.80261	enhancer of filamentation 1 (cas-like docking; Crk-associated substrate related) (HEF1), mRNA /cds=(163,2667)	1	GAATGACATAAACCCCTCCGGTCTG AGGTCGGCCCTCCAGCTTGTCTC
6437	Table 3A	Hs.1422	Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene homolog (FGR), mRNA /cds=(147,1736)	1	GCCTTTCTCACTCCATCCCCACCCAA AGTGCTCAGACCTTGTCTAGTTAT

Table 8

6438	Table 3A	Hs.333114	AV713318 cDNA, 5' end /clone=DCAAAC09 /clone_end=5' 129A12	1	TCGTTTTACAACGCTGCTGACTGGGAA AACCTGGCGTTACCAACTTAAT
6439	Table 1	NA		1	TGTTTTGTTTTCTGAAACGAAATCCTG CTCTGTTGGCCAGCTAGAACGC
6440	Table 1	NA	129F10	1	CAGAAGCTGGATGACGTTGCTCCATC TTCACCTGTTAATGAGACATGAT
6441	Table 3A	NA	137D4	1	CACATCTTCCATTAGCCCTACCATG AAAACCGTACCTCGGGCGGACCA
6442	Table 1	NA	142F9	1	AATTTGCTTTAAATGAGTTTCTTGG CATTGCACACTCCTATCTTTCTG
6443	Table 3A	Hs.250655	prothymosin, alpha (gene sequence 28) (PTMA), mRNA /cds=(155,487)	1	CAGATGACACGGCTCTCCACCACC CAACCCAAACCATGAGAATTTGCAA
6444	Table 3A	Hs.249495	heterogeneous nuclear ribonucleoprotein A1 (HNRPA1), transcript variant 2, mRNA /cds=(104,1222)	1	CCCATGCTGTTGATTGCTAAATGTAA CAGTCTGATCGTGACGCTGAATAA
6445	Table 1	NA	149G2	1	GACACAGACAGACCAAGCTATAGTCA GACCTGGTTACACACATACACACA
6446	Table 1	NA	149A11	1	TGGCAAAGATCACTGAAATTTAGGAC ACCAAAGCTAAAACCCCAATGCT
6447	Table 3A	NA	151F11	1	GCTTGTGCTCGAGACCGCTTGCTATA GAAACGCTGAGCTGCTGGTTTATG
6448	Table 1	NA	162E8	1	CTGGTTAAAAGCCCACTTACTGACCT TCGCCGCCACCACGCCTATCACTA
6449	Table 3A	Hs.334330	calmodulin 3 (phosphorylase kinase, delta) (CALM3), mRNA /cds=(123,581)	1	GCATCCACCTCCTTCTCTGCTCATG TGTGCTCTTCTTCTTCTACAGTA
6450	Table 1	NA	170F7	1	TTAAATCTATCAAGAATTCATCCAAT TGGTACCCTGCCGGCCGCTCG
6451	Table 2	NA	170F9	1	AGTGCTGTATTGACTTTGCTCGGCAG TAGATGAAGCTATTCTGAACCCAA
6452	Table 3A	NA	177A3	1	TGCTGGACAAAGACAATGAGATGATT ATTGGTGGTGGGATGGCTGTTACC
6453	Table 1	NA	331A3	1	GTGGAAAAGTCACTACCAGGCTGGC AGGGAATGGGGCAATCTATTTCATC
6454	Table 1	NA	331A5	1	AAGGGACAGGGAGCGGGCACAAAAT AAAACCTAGTTTGGTAGAAATTTATA
6455	Table 3A	NA	146C3	1	TCAAAGCACTGGAGATGAGAGCCAG GATGGACCCGAAAAGAATTTTACAG
6456	Table 1	NA	146D8	1	CAGGAACATGGCTGCAGCATATAAAA AGAATTGAATCCATACTTTTGTAAAC CCT
6457	Table 3A	Hs.153	ribosomal protein L7 (RPL7), mRNA /cds=(10,756)	1	TTGCCATAACCACGCTTGTAGATTAG TTCATTTACTGACTTCAGATTGGG
6458	Table 1	NA	158G6	1	TTACAGGCAACCGGAGCATCCAATCA CCTTTCTCTAAGAGAGTACCTCGG
6459	Table 1	NA	158H8	1	AAAAGCATCTTCGAGAGGGACTGTCA ATTCTCGACTATTTTCCAACCCGC
6460	Table 3A	Hs.119598	ribosomal protein L3 (RPL3), mRNA /cds=(6,1217)	1	AAGAAGGAGCTTAATGCCAGGAACA GATTTTGCAATTGGTGGGCTCAA
6461	Table 1	NA	158E9	1	AGAGACACCTAAATTACAGATTTGTG AGCTGAGAGCTGGAGTTTTTCATT
6462	Table 3A	Hs.326249	ribosomal protein L22 (RPL22), mRNA /cds=(51,437)	1	AACAGCAAAGAGAGTTACGAATTACG TTACTTCCAGATTAACCAGGACGA
6463	Table 3A	Hs.297753	vimentin (VIM), mRNA /cds=(122,1522)	1	AGCGCAAGATAGATTTGGAATAGGAA TAAGCTTAGTTCTTAAACAACCGA
6464	Table 3A	NA	155H10	1	GCATGGACAAGATGCCAAGGCCCGG ATGCTTTAGGATGAAGTTCTTATCT
6465	Table 3A	Hs.108124	cDNA: FLJ23088 fis, clone LNG07028 /cds=UNKNOWN	1	CCTCCAGTCACCATACACAGGTTACC AGTGTGCAACTTGATGAAATCAGT
6466	Table 1	NA	159F6	1	CCAAACATCTGGACTTGTGACTGTAA AAGGGAGGAGGTAGCCAATGATT
6467	Table 3A	NA	166F3	1	TTATGGTGGTCCGGGTGGGTGGTAG TTCAATGGGAGGTATGGGATTTATT
6468	Table 1	NA	166F6	1	AGCTGTCTGGCTCAAAGATCTACATT CTGAAGTTGGCTGAAATGTCTTG
6469	Table 1	Hs.8121	Notch (Drosophila) homolog 2 (NOTCH2), mRNA /cds=(12,7427)	1	CTGGTTTCTACCAGTGCCAGTGCCTT CAGGGCTTCAACAGCCAGTACCTC
6470	Table 2	Hs.25130	cDNA FLJ14923 fis, clone PLACE1008244, weakly similar to VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1 /cds=UNKNOWN	1	TGACACAGACTGTTTCAATCTTGGAG CAGCGACTGACTTTGACAGAAGAT
6471	Table 1	NA	168A9	1	TGCTATTTAAAGCACCATGATAAATAT GAGGCCACTTGGAAATCCATCCA
6472	Table 1	NA	171F11	1	GCAGGCGATGCTCTATAATCTAAAT GTATCTCTCTTTCCCTAAGCTGAA
6473	Table 3A	NA	171G11	1	AAGTAAGACCACCTGTGAACCTTGATC ATTATCTGGCCACATAGGAAGAT
6474	Table 1	NA	175D1	1	GCTGGGGCTGGGAATTCGCTGGGCT AATGTGTCATTTGACTTAAGAACT
6475	Table 1	NA	182H1	1	TTTGGGAAGAACCGATTGCTAAATTA TGCCTAATTCATGTCAAGAAGGGG

Table 8

6476	Table 3A	NA	184B5	1	AAGCAGTATACCATTTATATAGCAAA CAGCCAGTGGCCAGTTCAGTGTAT
6477	Table 3A	NA	184D2	1	CTGCCCTTGGTAGTGAGAGGACCA CGCCAATGATGCTTTTAAGTAACCT
6478	Table 1	NA	184H1	1	CATTTCTTCATCTCTAAGGCACACTT GCTACCCCTCTTTGCTGACCCAG
6479	Table 1	NA	46D1	1	GCCTGCGTGTCTGTCTCAGTGTTC TGGTCTCTCTAAGTACTCTAAA
6480	Table 1	NA	98C1	1	AATCTAGACATGTGCTTGTATTGC TCCCATGAAGGTAGTTTTCAAACA
6481	Table 1	NA	98C3	1	ACCAATAGAGAAGAAGCTCTAGAAGA CAAAATCCCAAACCTTGGCACAAA
6482	Table 2	Hs.205442	601439689F1 cDNA, 5' end /clone=IMAGE:3924407 /clone_end=5'	1	GGCTTCAACAGAAACATCAAATGCCA AGACCAGTGAGAGAGCGTCAAAAA
6483	Table 1	NA	98H4	1	GCAAGCCCACTAAAATAAACATCTAA CCAGCATCTTCCCCATTATAGG
6484	Table 1	Hs.169363	GLE1 (yeast homolog)-like, RNA export mediator (GLE1L), mRNA /cds=(87,2066)	1	ATGGATCTGTTCTCTGTGCTAAATG TCTTGTGGCAGGGTGTGTTTGTGG
6485	Table 3A	NA	113F12	1	GCCGTAATGTCTCGGGATCTCTAATA ATAGAGGAGGTGAGTTGTGGTGTCT
6486	Table 1	Hs.30212	thyroid receptor interacting protein 15 (TRIP15), mRNA /cds=(15,1346)	1	AGGCACTCCTCAACCACTGTTCACCTG AATTCAACTGCTGAAATTTGTAACA
6487	Table 3A	NA	173A10	1	AGAGAGGGTTTTAAGGGAGGGCTTG TGAATACTTGGGAGAATACGGAAGG
6488	Table 3A	Hs.334853	hypothetical protein FLJ23544 (FLJ23544), mRNA /cds=(125,517)	1	ATGAATTTGAAGACATGGTGGCTGAA AAGCCGCTCATCCAGATGGCTGT
6489	Table 3A	Hs.20252	DNA sequence from clone RP4- 646B12 on chromosome 1q42.11-42.3. Contains an FTH1 (ferritin, heavy polypeptide 1) (FTHL6) pseudogene, the gene for a novel Ras family protein, ESTs, STSs, GSSs and a putative CpG island /cds=(0,776)	1	TTCCACAGATAGGTAAAGCCAGGCGC GGCAAGATGAGACTGTATTCAAGTAA
6490	Table 1	NA	174D1	1	TCTTGTCTAGTCATTGTGGCAACCC CATCTGACACCTTGTGTAGTACCT
6491	Table 1	NA	45B9	1	TTCTGGCAAGCTCTTGTATGGTGT CGACACTTCTCTGTCTTCTTGG
6492	Table 1	NA	45H8	1	TTTCAACATGGCTAGATCCATCAGAA ACTGAAGGCGGGGAGAAAGCTCTC
6493	Table 1	NA	111H6	1	GGTACTCAAAGGAAATTACTCTTTCT CTGGAACCCCTGGCAGAAAGTTTTA
6494	Table 1	NA	111E12	1	ATCCTTCTACCTTTTATTATGAAAGT TTTGGTACCTGGCCCGCGGAGCG
6495	Table 1	NA	111H11	1	ATTAAGGTTTTTAACATCTACTTTGGG TGATGGAGCCTTCAATGAAGTCA
6496	Table 1	NA	112H3	1	GAAAGACTACGAATTTGCGCTGGGAG GTAATAGGGAAGCCTTCCACATAAA
6497	Table 1	NA	112E9	1	AAATGAGGTCAGCAATAACCTTGATT CGGTCTCCACTGGCAACATTTTA
6498	Table 1	NA	114G3	1	CTTCTCTCCCTGTAACCAGGCAGTGT GTGGGCGGGGCTCAGAACATATCT
6499	Table 1	NA	117H6	1	GTTGCCCTGATCTGGAATCCTGTTG CTTCTTCTGGGATGAAGGAACCTC
6500	Table 1	NA	165E7	1	TAAGATAACCCACAGGCCTTCTGT CATAAAGCCAACGACACAGACCAG
6501	Table 1	NA	165E11	1	ATGGGAACAGGATGTTAAATACACAC ATACATACGCACACAAGCGTTGGG
6502	Table 1	NA	165F7	1	CCTCTGCTACTAGAGAATGTAGA GAATGGAATGGCTGCCTTTATGC
6503	Table 1	NA	176A6	1	GATACAGATGTGATTATTCAGCCTCA AGGGGACTTCTCCATTGCGTAACG
6504	Table 1	NA	176G2	1	TTATTGTTACCAATTAGAATCAGCAAT TCAACTGTGCGGTGATTTGGCCT
6505	Table 1	NA	176E10	1	TCATCACTTGGGTTAACTAAAGGTTT GCGTATCACACAATTACACTACAA
6506	Table 3A	NA	176F11	1	TTCATAGTCAAACAAAGGTAAGATC ATGCATATACCCACGGCAACAGG
6507	Table 1	Hs.232400	heterogeneous nuclear ribonucleoprotein A2/B1 (HNRPA2B1), transcript variant B1, mRNA /cds=(169,1230)	1	CCCACCCCTTCCCTCCATGTGAAG ATTTGGGTGCTTAACATATCATT
6508	Table 1	NA	71F2	1	GGGAGACATGCTGATTCCTCAAGG ATCTCATAATAACAGCTTTGGCC
6509	Table 1	Hs.172028	a disintegrin and metalloproteinase domain 10 (ADAM10), mRNA /cds=(469,2715)	1	AAATAAATTTGGAATGGACATTGTG CTGTTTCCACTTCAATGCTGTAA

Table 8

6510	Table 1	Hs.180610	splicing factor proline/glutamine rich (polypyrimidine tract-binding protein-associated) (SFPQ), mRNA /cds=(85,2208)	1	AGAACAGTCTTGGGTTCAGGGGTGT GATGCCAGAATGTATTTTCGTACCT
6511	Table 1	NA	124G4	1	AAGGCGAAGTCAATCCCATCTCCCTG AACCCAACTGCCAGTAGGTAGTTC
6512	Table 1	NA	124C8	1	AGTTAAACTGTTGGTAGGTAGTGTG TCAGGTAICTGTATATTAGCTCT
6513	Table 1	NA	124F9	1	ACTGGATAAACAGAACGGATCAAAGA TAAAAGTATTCTTGTTCCTGGGC
6514	Table 3A	NA	127A12	1	GTCCCTTAGGGGAGGAGATTGTC CTCTTGGCCACAGTCTACCCTCAG
6515	Table 1	Hs.50180	601652275F1 cDNA, 5' end /clone=IMAGE:3935610 /clone_end=5'	1	ACTGGACTACTGAACTTTAGAATACT GTCCTAAGGAAATAGGTCTGGGCA
6516	Table 1	NA	161E8	1	CAAACAACAAAAGTGGCCTCCATCGC TGTGAGCCTCTCAAGGGACAGGGC
6517	Table 1	NA	186E8	1	AAGGTGGCTGGCTTTTATGATACAGT GGTGGTAATGTAGCCCTTTTGGT
6518	Table 2	NA	191F6	1	TGCTCAATTGCCATACATGCATA GGCCGGGATAGAAAATCGTCAGCT
6519	Table 3A	NA	193G3	1	TTCAGGATGTGACTGATACTGGTG TGGTTATTTTGTGTTTGGGG
6520	Table 1	NA	194C2	1	AGCTTGGAAATTTGAACAAGGTGGG GACAAAATCAGGCAATAACAGACT
6521	db mining	NA	458C6	1	CACCTCCTGAGTGTTCCTGAGAACA AAGGATCAGAGCTTCGGCTGTGAG
6522	Table 1	NA	458E4	1	TTTTCTTTTCGCTGACTTCCCACTC ACTGTCTGTCTCTCATTTCCTCT
6523	Table 1	NA	458G10	1	GCATGGGAATTGGCTGTGATCACTCA TAGCACGGGTATAAACTCAAGGA
6524	Table 1	NA	459B3	1	GTCCACTCAAGTTACCTGGCTGTCTA TCTTTGGCTGACCCCTGAAGCGA
6525	Table 1	NA	459D2	1	CTAAGTAAGCAAAGAGGCGAGAGGGG AGGAGGGGAGTGTGGTACTGTCC
6526	Table 1	NA	459E6	1	TGGTGGGTTTCATGATTATTATGTC AGGGTGGAAAGTTCAGTATTTGGTC
6527	Table 3A	Hs.20830	DNA sequence from cosmid ICK0721Q on chromosome 6. Contains a 60S Ribosomal Protein L35A LIKE pseudogene, a gene coding for a 60S Ribosomal Protein L12 LIKE protein in an intron of the HSET gene coding for a Kinesin related protein, the PHF1 (PHF2) gene coding for alternative splice products PHD finger proteins 1 and 2, the gene coding for five different alternatively spliced mRNAs coding for a protein similar to CYTA (CYCY) and identical to a polypeptide coded for by a known patented cDNA, and the first two exons of the gene coding for the homolog of the rat synaptic ras GTPase-activating protein p135 SynGAP. Contains three predicted CpG islands, ESTs and an STS /cds=(163,2184)	1	AGCACAATTTGTGCAGAAAGGTTTTGC AGGTATCTGAGGCACTGCTCACCT
6528	Table 3A	NA	460D5	1	AGAACAACACGGATTGAAGTGGGA AGAGATGGGACCCTCATTGGATCTG
6529	Table 1	NA	460B9	1	GAACAATAGACCTCTTCACTAGCTC CCTGCTGTTTGTGTTTGGTTGG
6530	Table 3A	NA	461A4	1	AGAGGATGACTTTGAGGTAATGTTT ACGATGCACGGTTTTAGGCGATGT
6531	Table 1	NA	461G6	1	GTGTCTGGGGAGTGAGGAGAGGTG GAGTAGACTCTGAGAGGAGTGAAAA
6532	Table 1	NA	461D9	1	AGATCATGTCTGGATTGTGTTTCCTA TTACCTAGAGACGAACACAGATCT
6533	Table 3A	Hs.80768	chloride channel 7 (CLCN7), mRNA /cds=(38,2455)	1	GTGTCCAGGACGAGCGGGAGTGCA CCATGGACCTCTCCGAGTTCATGAA
6534	Table 1	NA	461H7	1	TGTATGGCTTATAGCCAGAGATGAAA CAGAACCCAAGTTAATATTGCCAG
6535	Table 1	Hs.333513	small inducible cytokine subfamily E, member 1 (endothelial monocyte-activating) (SCYE1), mRNA /cds=(49,987)	1	AGGTTTCAGAATCTGGGCCTTACCTT TACAGGTTCAACAAAAGAATGGCA
6536	Table 1	NA	463A5	1	AAGATGAGGCGTAGCTCATGTACAAA TGCAGCATTCTCATAAGTGCTTTA
6537	Table 1	NA	463B2	1	AGATAGTGGTATTTGGGTCTGGGCT TGCTGAACTGAGGAGGTGGGTGC

Table 8

6538	Table 1	NA	463C5	1	CCTTGCAACCAGAGACGACTGACATAT ATAGATGGGAGTCACTCATGCGCT
6539	Table 3A	Hs.40919	hypothetical protein FLJ14511 (FLJ14511), mRNA /cds=(22,1272)	1	GGTGTAGCGTGAAGATCTGGACAGC GCACTACGACCCGGGCCACTGTTTC
6540	Table 1	NA	463H5	1	AGAAGCAAACCTGTGAAGCTACTATC GTTTATCATCAGTGTGAATGCACT
6541	Table 1	NA	463A7	1	TAGTGATACAATTTGGGGTGCCAGAG GTTGGGGGTAAGGAATTTGAAGC
6542	Table 1	NA	463B10	1	GTGTGGCCTAAGGAACACCTCTTGTG GGGAGTAAGAGCCAGCCCTTCTC
6543	Table 1	NA	463C7	1	AGATGCGGGCGCAAGCTTATGTCCCT GTTATGAGGGTTTAAATTAGATTGG
6544	Table 1	NA	463F10	1	TCATAACGCCCTTCAAAACATTGAAT AAAATCAGTGCAAAACATTGAGCA
6545	Table 1	NA	464C2	1	TGAGAAAAGGAGTTAGCAGAATATTAA CATACCGAGAAGCTGTTGTTAGCA
6546	Table 1	NA	464C5	1	CTGGAGACTCAGTTCGCTTAAAGTGG AGGGGACGGGCACAGCCATTCTCTCC
6547	Table 1	NA	464C10	1	AAAGACCTGCCACTTATTTTTGGCTC TCATCTGACTCTTAAAGTGTGTGT
6548	Table 1	NA	464D8	1	AGACACAGCTGCAGAAAACATTATTCT TTTCAAGCATGCACAGTACAAAA
6549	Table 1	Hs.221695	7k30d01.x1 cDNA, 3' end /clone=IMAGE:3476785 /clone_end=3'	1	CATTCAACAACACAAAACCGAGCACCT ACTGTGTGCCAGCCACAGACAAG
6550	Table 1	NA	464E7	1	CCTAGGAAACACAGGTCAAAAGAAACA CAGTCCAACATGTATTAGAAATTC
6551	Table 1	NA	464H12	1	AAACGCAATCTATTTAGGTTTGAGAT TAGAAGCTGAGGCCAAGGACTCA
6552	Table 2	NA	465B3	1	TCCTCCAGATGCATGGTCCGTGAAGA AATTTAATAGCAAAGACGAGAAGA
6553	Table 1	NA	465G2	1	GGCTCTCATGCTTATGCCACACATCC TTGATTCTGCTTAGGAGTCTCTGG
6554	Table 1	NA	465H5	1	AAGCCTGAGCTAACAAAGAGCTGAGG ACAGTAGCTTATTCCTCTTATGGG
6555	Table 1	NA	465A12	1	TGGATGATGGGATTGGATAAGCATGT GGACTGGATTGTGTTACAAACTCT
6556	Table 1	NA	465F7	1	TGCTGTTTCTAGGATTAACACGAAAT CATCACTTTGCCATATTTTGGAGCT
6557	Table 1	NA	465G8	1	GGCTCAGCACAAAAGAGAATTCGTAG CACTTTATGTGAAAAGCAGACCCA
6558	Table 1	NA	465H10	1	GATATTAAGGTACTTTCAGTACAAATC TGGTGCTGTGAGTGGGCTCATCC
6559	Table 3A	Hs.136309	DNA sequence from clone RP4- 612B15 on chromosome 1p22.2-31.1. Contains the (possibly pseudo) gene for a novel protein similar to 60S ribosomal protein L17 (RPL17), the gene for CGI- 61, endophilin B1 and KIAA0491, ESTs, STSs, GSSs and two CpG islands /cds=(1011,1408)	1	TCCAGTTTCTCATAAACAAATCTCTCT ATCCTGGCATTGGATTTGGGTT
6560	Table 1	NA	515C12	1	TCATGGTCATAGCTGTAACCTGTGTG AAATAGTAATCAGATCAAAAAGCG
6561	Table 1	NA	515H10	1	ATATGTACCTGGAGGGCGGACGATC GAAATTAAGTGAATTAGCGGCCAG
6562	Table 1	NA	55G3	1	TGCGAGTGTAAATTTCTGTAAGGAGGG TATGGGATAATTAATAGCACGCCCT
6563	Table 1	NA	55F9	1	GCCCCCAGCATCAATTCATTTTGTGA CCCTTAGTTTAAAGAACCTCTCCC
6564	Table 3A	NA	99E7	1	AACTTTGCTTTCTGAAGGTTTTGGTG TACCTCGGGCGCAACAGCTAAT
6565	Table 1	Hs.319825	602021477F1 cDNA, 5' end /clone=IMAGE:4156915 /clone_end=5'	1	ATTGACTCCACTTTGTGCCAAGCTCT GCGGGTAGGCATATTTTCATATCTT
6566	Table 1	Hs.17481	mRNA; cDNA DKFZp434G2415 (from clone DKFZp434G2415) /cds=UNKNOWN	1	CAGTGGAGAAGCTGCACTGTCTCCG GGCTTGTGTGATCCGATCTCTGTAC
6567	Table 1	NA	116C9	1	AGCTTTGAAAGTAATGTCTAACCCCTG CTGTCAAGTTTATCACAAGTGCATT
6568	Table 1	NA	128F5	1	AGCTTAATTGAATGGAGGAGCACCG AACAGGCAGTTTCTGAGCAGTGG
6569	Table 1	NA	135F10	1	GCTCTCACTGATCTCTCTCTCTATCT CTTTCTGCAGTTATACCAGCACT
6570	Table 1	NA	189F3	1	TGAGAAGAGCTGTGAAGGCAGAGGC GGGGCAAGTGCAAAAGGCTCTGACTT
6571	Table 1	NA	189A8	1	AACTCCCTGTTCAAGTTCAGTTGCTAA TGATCTCAAGCTCTCCCTGATTA
6572	Table 1	NA	195H12	1	CAGCCTAATGCCCTAACACACAGATA CCATTGGTGGGCGAGTGACCCAG

Table 8

6573	Table 1	Hs.292457	Homo sapiens, clone MGC:16362 IMAGE:3927795, mRNA, complete cds /cds=(498,635)	1	CACCATCTTTTCTCGGATACTAGCC CGCAATACCCACTCACCTACCACC
6574	Table 3A	NA	466C4	1	AGGGTCTCCACCTTACAGAAGTACAT GAACAACCCAGAGATAGCAGGGCTG
6575	Table 1	NA	466D1	1	ACCAGGAAAAGTAAAAATCATAGTTG GTGTCTCTCGGGTTTCTCACCTTC
6576	Table 1	NA	466G2	1	ATGTATGAGAGAGATTGAGATGAGT TAAAGGAGGAAGGGAGGGTGGT
6577	Table 1	NA	466H5	1	CATGAGTATTGGCACTGGGGTTCAAG TTCCAGGGCAGAGCAGGATAAGAG
6578	Table 1	NA	466B7	1	CTCCTGGGGCTGGAGTCCCTGGTCTG CCTTCTGGGGACAGAGATTAGGTCG
6579	Table 2	NA	466B10	1	TGGAACCTCAGTCAAAAACATCTGTA CTTTGTACAGGACAAAGATTGGC
6580	Table 1	NA	466C9	1	ATAGAACCTGTTTTACCTATGAGCCTT GCCTTGATTATTCACTGTGGC
6581	Table 1	Hs.7187	mRNA for KIAA1757 protein, partial cds=(347,457)	1	ACATCTCTTGTGAAAGTTCAAATGTTA CAGCAAGGTGTAACACTCCACT
6582	Table 1	NA	121F1	1	GGGTGAATTAATCGGGAGATGGGTA GTCAGGGCAAATGATGGGTGGGTTT
6583	Table 1	NA	121A11	1	TGCAATTGTGGAGACAATGTTAGA GTTTAAATCCTGGCTCTGTTCCCT
6584	Table 3A	NA	121F8	1	GGACCTATGTCCTCAAGACATGGAAA CTACTAGTTCTGTCTGTCAGGAG
6585	Table 1	NA	178B2	1	AATTAAGGATGCCCTACCGACATCTA TCAGCATACCTGGAACAGGTTCCGA
6586	Table 3A	NA	178B5	1	CGGCCAACCAGGAGGGCAGGTGTT TTGGGCATCTGGTTTATAGTACCTC
6587	Table 1	NA	178F5	1	GCTGGGGTGAAGACTGAAAGACTCA GACCTCAGTGGAACAGATGAATGT
6588	Table 1	NA	178C12	1	CCCCAGGCTCTGTGACGCTTGAATT CTAATTAGCGCAGAAAAGGGCTAA
6589	Table 1	NA	462A11	1	CCTGACTACGTGTTTTCCCCACAGAC ATCACACTGGTTCACCTCGTTGAA
6590	Table 1	Hs.13231	od15d12.s1 cDNA /clone=IMAGE:1368023	1	AATGGAAGACACTTCTGTATACACT GGAAATCTCAGGAAATTCCTTTTTCC
6591	Table 1	NA	462D9	1	GACAGTACAGTACCCTAAGAGCACTG AGGAGGGCCACCCACGTTAACTC
6592	Table 1	NA	462E8	1	TTTCCTGGAGATTTCAGGCATCTTA GGCCGGAAAGGACCTCGAAGGTGG
6593	Table 1	NA	462F9	1	CTCCGCTTCTTTCACCTCATTCTGTTAG TGTTTCTTTAAGCTTTGCCTTGT
6594	Table 1	NA	462F11	1	TCCACATTTGATCATGCAATTTATGAA AGCCCTGGGTTTGTATTGAGAA
6595	Table 1	NA	462G12	1	GCTATCTTCTGCTGAATCAGCGTAAT GCTGATATACACCTATTTTCTGT
6596	Table 1	NA	462H9	1	AAAAGAAAAGTTTTCAACCCAGGGA ATTTATAGTGGGTGTCAGTCGAGA
6597	Table 1	NA	472B1	1	AGGAGACGATGTAGGGGGAAGTGTG TTAGATTGTAATGGAGGGTTGGA
6598	Table 1	NA	472C1	1	GCTCTTCCCAGACCCAGCCGCCAG GTTCTCTGTAGAAGAAAATAAATGC
6599	Table 1	NA	472E6	1	AAGGAGGAATGGGAATCTCAAGCTCA AGGGCACTCTCACTAATTGTGGGT
6600	Table 1	NA	472F4	1	AAATAGCCACCTTCTCCCCATTTTCT GTCAGAACACACACTTTATATCCA
6601	Table 1	NA	472G2	1	TTTGGTAAAAGAGATTGGAGGGGACA CCAGGGAAACCAGGATTTTCTGGC
6602	Table 1	NA	472D7	1	AAGTGCTAAGGCATTCTCAAACATAT CTTCCAGCTCCGGGCGACAATGG
6603	Table 1	NA	472G12	1	CCACTCTAAGTCAAGCGAGTCCCTT CCTGCATACCTGTAAGTGGGTGCTG
6604	Table 1	Hs.75354	mRNA for KIAA0219 gene, partial cds /cds=(0,7239)	1	GGACTTTGCAGGCTTCATCCCTGTC TGTGTCTTTCTCTGGTGTGTT
6605	Table 2	NA	64G9	1	ATTTGCTGGCCAATCCTGCTGACTAT GAATCTTTGGGGCACTGAGTTAC
6606	Table 1	NA	467E5	1	CTGGGGTACTGGGGAAAAGAACTG GTATTGAGATTTTATTTGGGGCG
6607	Table 1	NA	467A8	1	TTGAGTAAGGCTCAGAGTTGCAGATG AGGTGCAGAGAACATCCTGTGACT
6608	Table 1	NA	467C9	1	GGTCACAGAGAGAAATGGTAGCTGA AGAAGCAGGGCACGAGGGCTCTAAC
6609	Table 3A	NA	467F8	1	TTTCCGGTATATTCGTGTGGGTTGAC TTTTGTGTGTGTGGTTGTGGTGG
6610	Table 1	NA	468E6	1	GGATCTCTTGTCTCTCACCTGTGT GACAGACTACTAACAGCCCAACTG

Table 8

6611	Table 1	NA	468B9	1	ACAGTGTGGGACAGAAGAGTGCTCA
6612	Table 1	NA	468E10	1	GTGATTAATGCCTGATAATAGATT
6613	Table 1	NA	468F10	1	CTCTCTCGCAATTTACAACCGCTTTC
6614	Table 1	NA	468F11	1	AGTACCATTACCGTCACTCCTCT
6615	Table 1	NA	468G12	1	CTTTGGGGAGTGGAGTTGTTAGAT
6616	Table 1	NA	468H11	1	GGGGAGAGAATCAGAACAAGGAGA
6617	Table 1	NA	469B6	1	CCTTACTGCTTACGGTCATCGGTCAT
6618	Table 1	NA	469D2	1	CAGCCCAACCCGCTTGGTTAGGTG
6619	Table 1	NA	469A10	1	AGAGTATAATTTCCCCAGTGTGGAGT
6620	Table 1	NA	469E12	1	GGTTAGTGTGCTAAAGAAGAGGT
6621	Table 1	NA	469F8	1	CTGATGTCGTGTCTGCACTCACCTGG
6622	Table 1	NA	469G8	1	TCATGTGTTCTGTTGTGCGGTAGT
6623	Table 1	NA	470B2	1	AGGGGCAGAGAAGAATCCACACTCA
6624	Table 1	Hs.118174	tetratricopeptide repeat domain 3 (TTC3), mRNA /cds=(2082,7460)	1	CAAGAGATGACCCAGGAGTAAACTG
6625	Table 1	NA	470C3	1	CCCAGCAGAGGCCAAACAGCAGCCA
6626	Table 1	NA	470D5	1	TACCCAAACTTCAGCCAAAATAAAA
6627	Table 1	NA	470E1	1	TGTGCAAAATCGCGGAGAGAAGTG
6628	Table 1	NA	470E5	1	CATGAGAAAGTGCTTTATAAGCTGT
6629	Table 1	NA	470F3	1	CCAGCTTTTCCTTTGATGTTAGTTAG
6630	Table 1	NA	470G6	1	CAGTAAGTACAGGTTTGTAGCCCC
6631	Table 1	NA	470B8	1	GGCACGCATCCTCATTCTGCATGCT
6632	Table 1	NA	470G10	1	CTTAGAATATCTATCAATGATCAT
6633	Table 1	NA	471D6	1	ACTTCTATACTCAGTGCCTGTGGGT
6634	Table 1	NA	471F1	1	AACCAAGCAAGCAGGTTTGTGTGTC
6635	Table 1	NA	471F4	1	GCGGGATGGTGGGAAGACAGACACT
6636	Table 1	NA	471F6	1	GCCTTAGAGCATGAATAATGAAGA
6637	Table 1	NA	471E9	1	AGGTAGACTATTTAGCTGGAAGCATC
6638	Table 1	NA	471E11	1	CAAAACAGGGGATTTTAAAAATACTCA
6639	Table 1	NA	471H11	1	AAAAATGATAGTTAAAACTCTCACTTAA
6640	Table 1	NA	473E4	1	GAAGGAGAAGATCTGAGTAAACCCA
6641	Table 1	NA	473F3	1	ACCTGAACAATGAATGAAGAAAGGAA
6642	Table 1	NA	473E11	1	GACTTGGTTCTTCTAGCTCTGGAC
6643	Table 1	NA	476C1	1	CATGGCTCACAAAGCTCTAACACTCCC
6644	Table 1	NA	476D3	1	CTCCTCCAGATCCTAAGAAGAAG
6645	Table 1	NA	476F5	1	TCTGAGCTTCACTTCAAGAAGCTGGTA
6646	Table 1	NA	476G3	1	GTCCAAAAGAAGCTGGTTTCGTTTTCAG
6647	Table 2	NA	476G4	1	ACTTCACTCACTTTTGTAGCCTGTTTAT
6648	Table 1	NA	476A10	1	ATGAGCTTGTCAAGTGTCTTTTGT
6649	Table 1	NA	476G8	1	TGAGGAGGATGGGAGGCGCACAGGC
6650	Table 1	NA	476H10	1	AATTTAGCTAGATATAGAAGAGAA
				1	AGCTGATTTGGATTCTTGGCGTTTGC
				1	ATCGGTCTAATTTATCAAGTGTGT
				1	TCCATCCTTGGAGCTTGACAAGCAT
				1	TCACACTACTGGCTCACCTACTAT
				1	TAGCACTGTAGCCAGAGTCCCTGCTT
				1	GTACCAGGAAGCTGGGTGGTGGTT
				1	TGGATAGTCAGAATTACGTGTTTGT
				1	GGATTGGGGAGGGAGGGGAGGAAA
				1	GCACTCCTGGAACCTTCTCACTAATT
				1	CGGGGACCAGTTTTGTGAATGTTG
				1	TTGCTGCGGATGACCTGACTGAGCC
				1	CTGGGAGACTGTGCTATAATCTCTC
				1	AGAAGGAGGATCTGTTCTAACATCT
				1	GCGAGGGGAGGACAAGCATTGAA
				1	CTTGCACTGAGTGAAGATGAACCTT
				1	TCTTTCCAGCCCTGAGAGAGGGA
				1	GTCTAGCTGGCAGGTGATGGATGAAT
				1	GGATGAGCTGGCAGACCAACAGAA
				1	TGCATGGAATGTTTCGAGTACGGGG
				1	AAAAAAGGGAGGCCAAAAGTGTGT
				1	TTTTAAGGTGTGACTCAATTTACAGG
				1	CATTCTGTATTTTTGCGATTTGGT
				1	ACCTTTGGGAGAAAGTCTTACAACCTA
				1	CATGAAATGCAGATTTATGGACTC
				1	GAAGGGACAGAACAATCAACTGTGA
				1	GAGATGGGAAGAAAACCTCAAAATGGA
				1	CTAGTTTGGGACTTTCATTGGGCAC
				1	GTGAATCCAGGAGGGCTGAATTTT
				1	GGCCAGATTGTAGACAGCATAAAAA
				1	TAATTTGGGCTTTTCTGTAAA
				1	CTGGGCTTCTGTGTGAGAAGCACC
				1	GCAGCCAAGAACAACCAAGTCAACT
				1	GAAGGGGATTTCGGTGTGGGGGAA
				1	GCCAAGGGACAAGGGAAAAAGGAAA
				1	AACCCAACCATGAAAAAGAAGAGCT
				1	CTGGACTACGGCCAGGCGTGGGAG
				1	TGGCTATTTGAGTTTTCTCTTACATGA
				1	AATGCCTGGCAACGTACACTGGC
				1	TGAACTCTGATTTCCGCCGAAACTAG
				1	GAGGAAACCCCAAAAGAAGACGG

Table 8

6651	Table 2	NA	477E1	1	TTTGCTGGGACTAAAATCAAACCTGC ACTGCAGAGCAGGTGAGGGTTCAT
6652	Table 1	NA	477E8	1	TGGAGAGTGTGTATTACCATTTTT TACATTGCATCACATTTTACCATCTAT ATCT
6653	Table 2	NA	477A11	1	TTTGAAGCCCCTCATAGAGAAGAGAC TGACCATAAGAGAAGCCCACTCA
6654	Table 1	NA	477D9	1	AACTCTCAGTCCATGAGCTTGATTAC TCCATTGTACCATTGGAAGCCCA
6655	Table 1	NA	477D10	1	GTGGGTAGCCATTAAGTGGTCTGGC ACAGAAAAGGGACAAGTAGCTTCAAG
6656	Table 2	NA	480A3	1	CTGGTGCTGAGTGGAGTCACAGTAA GGCTGTAGATGGAGCGCCCTGGGAA
6657	Table 1	NA	480B5	1	TTTTGATGTGACCAAGTGCATGGC GGGGACAGGAGCTTAGGGGAAT
6658	Table 1	NA	480D2	1	ATTATGCATGTGAGGGGACAACCTT TATTAACAGGAGGGGTGTCTCT
6659	Table 1	NA	480E2	1	TGGTCATGTTCCCTCTTACTCCAC GACAGTTTCATTATTGTAACCAAGG
6660	Table 1	NA	480E3	1	TTCTGTTGGTTATATGAATGGCAGTT ATTGTCCTCCAGTGTGTGGTCT
6661	Table 1	NA	480F3	1	AGTCTGGCAACTTACCTGGGAATT GTCTGTAATCTTTAAGCAGTGGCG
6662	Table 1	NA	480G4	1	AGGACTTATCTAGCTTTCACAGATTC AGAGTGCCTTCAACATCATTGT
6663	Table 1	NA	480C8	1	TTTAACAGGCTTATCTAGGACATAGG CCCAAGAGGGAGGAGGAGGAAGGC
6664	Table 1	NA	480D9	1	CTCCAGGCCGAACGAGCTCCACTC TGGATTAAGATCTGTCACTTGACA
6665	Table 1	NA	480E7	1	GCAGGACTTGTGGCAGGACTCAACG GGAGAGAAAGAGGCTGAAACATAAA
6666	Table 1	NA	480E11	1	AAGAACATCCCAACTTTCCGGTAGG CAAGTGTCAAGTCACTGGACAAT
6667	Table 1	NA	480F8	1	TCTGTGGCTGTGTGGGACCCTGC GCCCTTTAAATTAGGGCATATTTTA
6668	Table 1	NA	487F11	1	GCGCTAAAACCTGGTATTAAATGA CAAACAGAACGTGAGAAGAGATTT
6669	Table 3A	NA	499G1	1	TCCTGCACACAACAATAAGACAAG AATAAAGGGCCACCCATCAGTAGC
6670	Table 1	NA	518F10	1	ATGTTGTTCAAATTAACATCATACCA CATGGGGGCAGCTACCAATTTTT
6671	Table 3A	NA	524A12	1	TAATATGAAAAGCTGGAAGAATA AGGGGTTGAGGAGACGTGCCGGGT
6672	Table 1	NA	526B9	1	GTTACCCTGACGAATGCAGTCCTCGT GTGGAATGTCTATGCCCTCTTGAG
6673	Table 1	NA	583B5	1	ACACCAGCAGTCATAGGGGAAAGGG GAATACAGTTAATTGGGTATTGT
6674	Table 1	NA	583D6	1	ACTCCCTCCCATCTCTGGTCTTAGT TGAAGCAAGCTTTCGGACAACGG
6675	Table 1	NA	583G8	1	TCCAACAAGGGTTACGGCAGAAATTA TGCGAAAGTCTCTTTGGGCTAAA
6676	Table 3A	NA	584A1	1	TTGTTCTGCTCAGGCCAAGGATTGTT GTGTGCTCTGATTGCTGCTTTG
6677	Table 1	NA	584D3	1	GGCCCGGCATGTCTCGTTTTGTGAG TCCTCATCCAATCCATCTTCATAT
6678	Table 3A	NA	DNA sequence from clone RP4-620E11 on chromosome 20q11.2-12 Contains t	1	GTGGGTTTTAGACACCTGCAGCAAG AAGAAATACTGACTGACTAGGCAT
6679	Table 3A	NA	591H9	1	TTTTAAAGAAAATCTATTATCTTGA GCATGGATGGGGGAATGCCAAGG
6680	Table 3A	Hs.6179	DNA sequence from clone RP3-434P1 on chromosome 22 Contains the KCNJ4 gene for inwardly rectifying potassium channel J4 (hippocampal inward rectifier, HIR, HRK1, HIRK2, KIR2.3), the KDELR3 gene for KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 3, the DDX17 gene for DEAD/H (Asp-Glu- Ala-Asp/His) box polypeptide 17 (72kD), ESTs, STSs, GSSs and six putative CpG islands /cds=(307,2259) 602388170F1 cDNA, 5' end /clone=IMAGE:4517129 /clone_end=5'	1	CAGAAGAAACATGGCAAACCTGCTCTG TGCTTCAAACCAAAGTGTCCCC
6681	Table 1	Hs.44577		1	GTTACTTAAGATCAGTATGTGTGGTG CATATGTGATTCGACCATTGAGT
6682	Table 3A	Hs.108124	cDNA: FLJ23088 fis, clone LNG07026 /cds=UNKNOWN	1	GAGAATTTCCGCTGATCTATGACAC CAAGGGTCGCTTTGCTGTACCTCG
6683	Table 1	NA	119F12	1	CTGGGTTAATACTCACCACCTTTGAG AAGGTTGGTCTCTGCTCTTCTGTA
6684	Table 1	NA	119G10	1	GGAAAGACAGGTGAGTGTGCCACAA CTACCTAACACATCAGCAAATCTGG

Table 8

6685	Table 1	NA		485A6		1	GTCACCTTAGCGAGCGGGAAAAACAAT GGCGAAAAGGGAAAAACCTGGAAG
6686	Table 1	NA		485D5		1	CGATAAGCTGTGGTGTGGGAGTGA GAGATGTTACTTTGCGAATGTTCAA
6687	Table 1	NA		489H9		1	AAAGGCTAGGTTTGCAGAAAGCCCTTC TAAACTATGCTTTGGTGGTTACT
6688	Table 2	NA		494B11		1	CTGACCCTGCCGGCGGAAGATAAA ACAAAAACGAGAAGAACAAGCAAGA
6689	Table 1	NA		478E5		1	AAGATTGTAAAAATACATTTTAGGCTC AAGAGTCCAGGGGTTTCAGAGC
6690	Table 1	NA		478G6		1	TGCAAGCTGGCACCTTCACGTTTATT TTTAAAGGGCTTCACATCAAGAT
6691	Table 3A	NA		478H3		1	AAACAAAGAAGGAAAATGAAGAGGG GGAAAAGATGAACATCAGGCTGGGT
6692	Table 1	NA		478C7		1	TCCAAAGGATGTTCTGGTGTTCAGC ATGATTTCTGGTGTAGCTTTTCT
6693	Table 1	NA		478G8		1	TTTGTGGTGCCTGAGAGGGGATTTA TACTCCTTGAGCCATATTTTGTGA
6694	Table 1	NA		478H7		1	GGGTTACAGCATGGGTGGAGGTAA GTAGTATTCTCATGGTTGGTTAGT
6695	Table 3A	NA		479B4		1	GACAGTGAGAAGAATATGGAGTAGA GTCCTTTTGGCTTTGAGGCGGTC
6696	Table 1	NA		479D2		1	AACAGCTGAAGAACAAGAAGGTGAG CTCTGAATGCGTCAGGTGGTCATTC
6697	Table 1	NA		479G2		1	GGCTGACCAGTACAGGCTGGGAAT TTTATGGTTGGTGGTTTCTACCAA
6698	Table 1	NA		479G3		1	GGGGGAGCTATATTACTGATTA AAC CACCATTTCTCACCCAACCTTATG
6699	Table 1	NA		479G5		1	AAGTCTGTATTATGAGGTACTGGGG CTCTGGGGATATTGAGATGAGAA
6700	Table 1	NA		479G6		1	AGTCTGCTGAATCATTGGTTTATAG AAGACTATCTGGAGGCGCTGATAG
6701	Table 1	NA		479H4		1	GGAGCTCCAGCTAATAGAAAAGAT GCATTACGAATAGACTTTGGGTA
6702	Table 1	NA		479H5		1	TCTGTGCTCTGTGGACCCGTACCCCT GAGCTCCTCAGTTGCTGAACCATC
6703	Table 1	NA		479H8		1	TGCTGGCATGTGGATAGACTTTAGCA AATGGTAGTCATCTTCTAATTTCT
6704	Table 1	NA		479G12		1	AATGGGAATCTTAAGGCCCTCTCTGGA AAGGGTGTGAGGGGGTGCAGGGGG
6705	Table 1	NA		479H12		1	TGCATATTGTCACCTGACTGGCTAGGG TCTCTAAATTTATGAAACCTTACA
6706	Table 1	NA		482A5		1	GTCAGCAACTAAAAAGGGAGATATAT CTTAGAGAGACTGGAATAAGCAACTC
6707	Table 3A	NA		483G5		1	GGAAGGACTCAAACCTGGCCATAAAG GCAATACGGCATGTTTATTACACCA
6708	Table 1	NA		486C4		1	TTTGTGACTATGAAATAGTGGTCCT GGTTTTAACTTTTGGGGTTCCCT
6709	Table 1	NA		490F10		1	AATTATATTTAGGCTGATGTGGGTG GTCTGTAATGCTCTCATTTACCAC
6710	Table 1	NA		493C2		1	CTGTGTTTCTGTATGGATTGCATTTG TCCCGCCTGTGGGTTTGGTGG
6711	Table 1	NA		58G4		1	TTCATGCTCATTAGGACATTGAACAA ATGGCAGAGTAAGAAAAGTTTGGCC
6712	Table 3A	Hs.169370			DNA sequence from PAC 66H14 on chromosome 8q21-22. Contains FYN (P59-FYN, SYN, SLK) gene coding for two isoforms. Contains ESTs and STSs (cds=(12,1706) 598H2	1	GGGAATGGACTCATATGCAAGATTGC TGACTTCGGATTGCCCCGATTGAT
6713	Table 1	NA		598H2		1	CAACACATGGGACGGGAAGGAAATC CTTCCGTGTGATTTTGTAAAAATA
6714	Table 3A	NA	AA077131	1836605	7B08E10 Chromosome 7 Fetal Brain cDNA Library cDNA clone 7B08E10, mRNA sequence	1	CAGCCACCTCCTCAGGTCAGACAAG CCCAGCACCCAAATACCACATCTG
6715	Table 3A	NA	AA501725	2236692	ng18e12.s1 NCI_CGAP_L1p2 cDNA clone IMAGE:929806 similar to contains Alu repetitive element, mRNA	1	GGCTTCCCTATTACCTCCCAGCGAAA TTCGTAGTCTTTCTCTATGGAGTT
6716	Table 3A	NA	AA501934	2236901	nh56a10.s1 NCI_CGAP_Pr8 cDNA clone IMAGE:956346, mRNA sequence	1	TGCTGATGTGTTAGGTAGTTGTGGCA CACTCACCTGTCTTCTCTAAATGC
6717	Table 3A	NA	AA579400	2357584	nf33d05.s1 NCI_CGAP_Pr1 cDNA clone IMAGE:915561 similar to contains Alu repetitive element, contains	1	TTCATGCTCAGCAAAACAACGTTTAA GGATGGTGAGAGAAGACAAAGTAA
6718	Table 3A	NA	AF249845	8099620	isolate Siddi 10 hypervariable region I, mitochondrial sequence	1	TATTAACCACTCACGGGAGCTCTCCA TGCATTTGGTATTTCTGCTGGGG

Table 8

6719	db mining	Hs.277051	Al630242	4681572	ad07c09.y1 cDNA /clone=ad07c09-(random)	1	TTACCTGCTTTCATGCTCTCCATCG TCAAAGTCTTCTGAAACTTAGGC
6720	db mining	Hs.277052	Al630342	4681672	ad08g11.y1 cDNA /clone=ad08g11-(random)	1	CCCCACCCCAACACATACAACCGTTT CCCACCAATCCTTGAAGCTGCAAAA
6721	db mining	NA	Al732228	5053341	nf19e05.x5 NCI_CGAP_Pr1 cDNA clone IMAGE:914240 similar to contains Alu repetitive element, mRNA s	1	TCCAAGTCCCAATACCCAACCTAACT CGAAGGAAGAAATGGAATCTATT
6722	Table 3A	Hs.197803	AW379049	6883708	mRNA for KIAA0160 gene, partial cds /cds=(0,2413)	1	TGCACAGAAGCTTACTTACATGTCT CATCGAACTCCGAGAACCCGCTCG
6723	Table 3A	Hs.232000	AW380881	6885540	UH-B10p-abh-h-08-0-UI.s1 cDNA, 3' end /clone=IMAGE:2712035 /clone_end=3'	1	TGCATGTATCCCGGAATTCAAATCC AATTTACAGCCACTGCTGAATAT
6724	Table 3A	Hs.325568	AW384988	6889647	602386081F1 cDNA, 5' end /clone=IMAGE:4514972 /clone_end=5'	1	TACAGGAAATGAAACTAGACGGGTG GGGGACACTAGAATGAAAACCACT
6725	Table 3A	NA	AW836389	7930363	PM0-LT0030-101299-001-f08 LT0030 cDNA, mRNA sequence	1	AGTTTCTGCTTTCAGTGACTGAGGCT TTGCTTTAACCTGGTGACTCCCAA
6726	Table 3A	NA	AW837717	7931691	CM2-LT0042-281299-062-e11 LT0042 cDNA, mRNA sequence	1	TCCCACTTCAAGTTAAGCACCAAAGC AATCACTAATTCTGGGACAGCAGGA
6727	Table 3A	NA	AW837808	7931782	CM1-LT0042-100300-140-f05 LT0042 cDNA, mRNA sequence	1	CATGGATGGGGCAGTGGTGTCTTCT AGTGTGTGAGGGAAGCAGAGCAGTTC
6728	Table 3A	NA	AW842489	7936472	PM4-CN0032-050200-002-c11 CN0032 cDNA, mRNA sequence	1	TCACCACAGATPM4GACATCGTTTCC TGAACACAGCTATAAATCACAGA
6729	Table 3A	NA	AW846856	7942373	QV3-CT0195-011099-001-c09 CT0195 cDNA, mRNA sequence	1	CAGACGCTCCAGTGCCTCCGAGGTT AGTGTGTTTATTAGACCTGAAATGA
6730	Table 3A	NA	AW856490	7952183	PM4-CT0290-271099-001-c04 CT0290 cDNA, mRNA sequence	1	CCCTTTAGGCCTCTTGCCCGAACAGT GAACACTAATAGATATCTTAAGCT
6731	Table 3A	NA	AW891344	8055549	PM2-NT0079-030500-001-a04 NT0079 cDNA, mRNA sequence	1	ATGGGGATCATGTTTTTATTTTCTCTA TATAATGGCCAGTGTGTCCCA
6732	Table 3A	NA	BE061115	8405765	QV0-BT0041-011199-039-f09 BT0041 cDNA, mRNA sequence	1	AGCTGTAGACCATAAGCCACCTTCAG GTAGTGGTTTGGGAAATCAAGCAA
6733	Table 3A	NA	BE086076	8476469	PM2-BT0672-130400-006-h09 BT0672 cDNA, mRNA sequence	1	TGTAATATGCTTGTCTTCTACCTG CCCCCAGTCTTGAAGTGGTGGAA
6734	Table 3A	NA	BE091932	8482384	IL2-BT0733-130400-068-C11 BT0733 cDNA, mRNA sequence	1	GGAGGGTGGGGAAGCAAGGAAGA ACATTCTGTAGGGGCAGAGAAGAA
6735	Table 3A	Hs.173334	BE160822	8623543	ELL-RELATED RNA POLYMERASE II, ELONGATION FACTOR (ELL2), mRNA /cds=(0,1922)	1	GCATCTCCAGCTTTCATAGTTACCCA ACTTGTAAACCAGAAGATGTGCTG
6736	Table 3A	NA	BE163106	8625827	QV3-HT0457-080400-146-h10 HT0457 cDNA, mRNA sequence	1	GGCCAGTGCCAGACGGTAGCTAGTT GGATGCTAAAGGTAGAAATTTAGATA
6737	Table 3A	Hs.301497	BE168334	8631159	arginine-tRNA-protein transferase 1-1p (ATE1) mRNA, alternatively spliced product, partial cds /cds=(0,1544)	1	GGCATTGTAGGTTGACACCAGCAAAG ACTCAGAGTGAAGTGGAGCATTGGA
6738	Table 3A	Hs.172780	BE176373	8639102	602343016F1 cDNA, 5' end /clone=IMAGE:4453466 /clone_end=5'	1	AGCCCATTTGGATATGGCCCATCTTT ACCTAATGGCTACTATAGTGAGGT
6739	Table 3A	NA	BE177661	8656813	RC1-HT0598-020300-011-h02 HT0598 cDNA, mRNA sequence	1	AATCACAGCAGTAAGTCCAGTAGGA AAGATTCTCAAAGGAATAGTTCTT
6740	Table 3A	NA	BE178880	8658032	PM1-HT0609-060300-001-g03 HT0609 cDNA, mRNA sequence	1	AATGGTCAGGCACAGGTAGAATCAAA GTCCTGTATGTATGTTACACAGGA
6741	Table 3A	NA	BE247056	9098807	TCBAP1D5404 Pediatric pre-B cell acute lymphoblastic leukemia Baylor-HGSC project=TCBA cDNA clone T	1	TACCTGAAGGTGTAGAGAGTCCCG CATCCAGCAAGGCCAACAGCTCCAC
6742	Table 3A	Hs.11050	BE763412	10193336	mRNA; cDNA DKFZp434C0118 (from clone DKFZp434C0118); partial cds /cds=(0,1644)	1	CTGTGTTTTCCCAAAGCAACAATTT AAACAAAGTGAGAGCCACTGACA
6743	Table 3A	NA	BF330908	11301656	RC3-BT0333-310800-115-f11 BT0333 cDNA, mRNA sequence	1	GACTCCGAGCTCAAGTCACTGTGTAC CCCCAACCCCTAACCCACTGCATC
6744	Table 3A	NA	BF357523	11316597	CM2-HT0945-150900-379-g06 HT0945 cDNA, mRNA sequence	1	TGTAACCTGACTTTATGTATCACTAAG TCTTGCCTTTACTGAGTGCCTGA
6745	Table 3A	NA	BF364413	11328438	RC6-NN1068-070600-011-B01 NN1068 cDNA, mRNA sequence	1	TCTCTCTAACCAAACTGTAATCTTCA GGACCAGCAAACCTCAGCCCAAGG
6746	Table 3A	NA	BF373638	11335663	MR0-FT0176-040900-202-g09 FT0176 cDNA, mRNA sequence	1	AACCTTGGTTAAATGGGTTAATAGA GGATTGGAACACTTTGTTTGTCTGT
6747	Table 3A	NA	BF740663	12067339	QV1-HB0031-071200-562-h04 HB0031 cDNA, mRNA sequence	1	AGAAGCAACCTGTGGAAGCTACTATC GTTTATCATCAGTGTGAATGCATC
6748	Table 3A	NA	BF749089	12075765	MR2-BN0386-051000-014-b04 BN0386 cDNA, mRNA sequence	1	GGACTAAGTCCACCTCCTCTGCTAC TCCAGCTGCTTCTATGACACTT
6749	Table 3A	NA	BF758480	12108380	MR4-CT0539-141100-003-d05 CT0539 cDNA, mRNA sequence	1	AGTCTTCCACCAGCATAGGTATCAC ACAACCAGCTCTGTTTACTCCTG
6750	Table 3A	NA	BF773126	12121026	CM3-IT0048-151200-568-f08 IT0048 cDNA, mRNA sequence	1	TTAGCTGGTACACTTGTCCAGGTTTA CTGGGAGCCGGTAAGATAGTCACC
6751	Table 3A	NA	BF773393	12121293	CM2-IT0039-191200-638-h02 IT0039 cDNA, mRNA sequence	1	AGCGTGATGCTTCTCATGTCCGGTGA TTTTCTGTTGAGACATCTTCAAGC
6752	Table 3A	NA	BF805164	12134153	QV1-CI0173-081100-456-f03 CI0173 cDNA, mRNA sequence	1	CAGGGTTAACAAAAGTATGGAATTCA ATTCTTTTATATGCTGCAGCCATGTT CCT
6753	Table 3A	NA	BF818594	12156027	MR3-CI0184-201200-009-a04 CI0184 cDNA, mRNA sequence	1	TGTAATTGATTCCGCATAAACGGTC ATTACTGGCACCTATGGCAGCACC

Table 8

6754	Table 3A	NA	BF827734	12171909	RC6-HN0025-041200-022-F08 HN0025 cDNA, mRNA sequence	1	GTGATCCACTTGGAGCTGCTACTGGT CCCATTGAGTCTATAGTACTTCA
6755	Table 3A	NA	BF845167	12201450	RC5-HT1035-271200-012-F08 HT1035 cDNA, mRNA sequence	1	TGCCATGAAATCTCTATTAATCTCAG AAAGATCAAAGGAGGTCCTCGTGT
6756	Table 3A	NA	BF869167	12259297	IL5-ET0119-181000-181-b11 ET0119 cDNA, mRNA sequence	1	CCCACCTGGCAAATCTCAAGTGTGA CCCTAGTCATCTTCTCCTTTTTGG
6757	Table 3A	NA	BF875575	12265705	QV3-ET0100-111100-391-c02 ET0100 cDNA, mRNA sequence	1	GCTAAACAGAAAAGAACCTGAAGTAC AGTCCCCTCTTCAAAGAAGATGC
6758	Table 3A	NA	BF877979	12268109	MR0-ET0109-171100-001-b02 ET0109 cDNA, mRNA sequence	1	ATCCTCCTCCCTGGGATGGCATAGA AGAGACTTTAAACCAAATGAGCC
6759	Table 3A	NA	BF897042	12288501	IL2-MT0179-271100-254-C11 MT0179 cDNA, mRNA sequence	1	GTCAGTAAGCTCTGCCTGCCAAGAAG ACACAGTGAGAGGTGTCCACAGTC
6760	Table 3A	NA	BF898285	12289744	QV1-MT0229-281100-508-e11 MT0229 cDNA, mRNA sequence	1	GTTCCACTTAGTTACGAAGCCAC TGCTGTGAAGCTCTGCACCCTGC
6761	Table 3A	NA	BF899464	12290923	IL5-MT0211-011200-317-f03 MT0211 cDNA, mRNA sequence	1	AGAGTAATCCACATCCAGGGACAGT CACAAATGACCTACGGCTTTAGCTG
6762	Table 3A	NA	BF904425	12295884	CM1-MT0245-211200-662-d02 MT0245 cDNA, mRNA sequence	1	GCAGGGCTACACCAAGTCCATTGATA TTTGGTCTGTAGGCTGCATCTCTGG
6763	Table 3A	NA	BF906114	12297573	IL3-MT0267-281200-425-A05 MT0267 cDNA, mRNA sequence	1	TCTTCTCTAAATGCCCTCTCCTCTT CCTTTTCCAGACCTGGTTTAAA
6764	Table 3A	NA	BF926187	12323197	CM2-NT0193-301100-562-c07 NT0193 cDNA, mRNA sequence	1	TCGCCATTTGGTAGTTCACAGTGAC TGCTCTTCTATTTCGAAGCCAC
6765	Table 3A	NA	BF928644	12326772	QV3-NT0216-081200-517-g03 NT0216 cDNA, mRNA sequence	1	GTAGATTACTATGAGACCAGCAGCCT CTGCTCCCAGCCAGCTGTGGTGTG
6766	Table 3A	NA	BG006820	12450386	RC4-GN0227-271100-011-d03 GN0227 cDNA, mRNA sequence	1	TTTCCTTTTCGCTGACTTTCTCACTCA CTGTCTGTCTCTATTTCCTCCA
6767	Table 3A	NA	F11941	706260	HSC33F051 normalized infant brain cDNA cDNA clone c-33f05, mRNA sequence	1	TGGTAAGTTTCTGGCAGTGTGGAGAC AGGGGAATAATCTCAACAGTAGGT
6768	Table 3A	NA	U46388	1238904	HSU46388 Human pancreatic cancer cell line Patu 8988t cDNA clone xs425, mRNA sequence	1	CCATGGTGGTGCTTGACTTTGCTTGG GGGCTTAATCCTAGTCAATTTGG
6769	Table 3A	NA	U75805	1938265	HSU75805 Human cDNA clone f46, mRNA sequence	1	TCAGTGGGTGTTGGTTGCCATTAGT TGAGACTTAGTTGTTGCTCGGGA
6770	Table 3A	NA	W27656	1307658	36f10 Human retina cDNA randomly primed sublibrary cDNA, mRNA sequence	1	GGCTGGACAGCAGATGATCAAATCT CAATACTACATGCCCACTTCTGTGG
6771	Table 3A	NA		36G5		-1	CAGGATGGAACAAGACTCCAGCCCC TGCTGTCTCATGTATCTGCAAGGG
6772	Table 3A	NA		36F11		-1	CITCAGTGCCTACACGAGCTCAACGT TAGTGCCAGGAAAGACAACACTCTC
6773	Table 1	NA		37G7		-1	ACTCGTATGCCAACTCTTCTGTCTTC ACTACTAGAGTGTAGATTGGACTC
6774	Table 1	NA		37G8		-1	TGGACTGGAACCTGACTCGAAGTTAT GTGGCTAATGAGTAAGTTCAGCC
6775	Table 3A	Hs.197345			thyroid autoantigen 70kD (Ku antigen) (G22P1), mRNA /cds=(17,1846)	-1	ACTGGTTCATTTGTTCCCGTATAGAG CTTTATTGGAGGAGGCTTGAGAGC
6776	Table 1	NA		40E4		-1	ACCATCTCCTTTAATCCTCACAGTGA TCCTGGAGCAATGTGTGCATTCTC
6777	Table 3A	NA		41E9		-1	CATCACCTGCTCACCTAGGAACCAGG AGTACTGGGAACTGTTCCGTTACT
6778	Table 3A	Hs.169476			Homo sapiens, glyceraldehyde-3- phosphate dehydrogenase, clone MGC:10926 IMAGE:3628129, mRNA, complete cds /cds=(2306,3313) 47E5	-1	TCATTGCTGATGATCTTGAAGGCTGT GTCGAACCTCTCATGGTTCACACC
6779	Table 3A	NA				-1	TGGCACCAGCTGATTATTTTCTTTT CAAATCCCAGCCTATACACCTCC
6780	Table 2	NA		47D11		-1	GCTGTCTGTCTTCCCAATATCCATGA CCTTGACTGATGCAGGTGTCTAGG
6781	Table 1	NA		50A11		-1	AGGCCTTTTTATTGTTCTGTTTGA CACTGCTTCTATATCTGCTGGA
6782	Table 3A	Hs.132906			DNA sequence from clone RP11- 404F10 on chromosome 1q23.1-24.1. Contains the 5' end of the SLAM gene for signaling lymphocytic activation molecule, a SET (SET translocation (myeloid leukemia-associated)) protein pseudogene, the CD48 gene for CD48 antigen (B-cell membrane protein), the gene for a novel LY9 (lymphocyte antigen 9) like protein and the 5' end of the LY9 gene. Contains ESTs, STSs and GSSs /cds=(41,1048)	-1	CCCGTGCCCCACCAGTCTCACTGCC TGACTCCAAGTCTCGTACACTAGAT
6783	Table 1	NA		52B9		-1	AGCGATGAACTGTTGCAAAAAGATTT TCCAGAGCATTTTCCATTAAACCA
6784	Table 1	NA		53B1		-1	CCATATCTTGTTCCTCCAGCCAGGTG CTGCACCTCCCCACTCTTTTAGTG
6785	Table 1	NA		53E3		-1	AAATGCTTAAAGGAACAATATATGTC CCTTCGAGGCACGTGATTCGTTT

Table 8

6786	Table 1	NA	53E10	-1	TCTGGAGCCACACCCCTTACCATCACC TTCCAAAGAAGAAATGAACCCTT
6787	Table 2	NA	53G7	-1	AATCACACAAGGTCGAAAGTAGACAG TCCTCTGGACTTGGAAATGTCCA
6788	Table 1	NA	54F4	-1	ACTTTCCTCCGGGAAGTTGTATCTT AGCGTGGACAACAGGTTAACACAA
6789	Table 1	NA	54G9	-1	TCAGGATGCTCTCACTTAAAGAACC GGCAAATAATAGAACACTGTGACA
6790	Table 1	NA	59G1	-1	ACTTCACTCAGAGTAAATGAAAAGAC TGGGTGCCTCATCAATATCATTGT
6791	Table 1	Hs.48320	mRNA for ring-IBR-ring domain containing protein Dorfin, complete cds (cds=(317,2833))	-1	TGACTGAAGGCAAGCTCACAGATGAA GCAGAGGACTGAAAGATCTCGATCT
6792	Table 1	NA	60G8	-1	GCTGAGAAGGATGTGGTATAAATGTA TTAAGCAGCTTAGGGTCTCTGGCC
6793	Table 2	NA	62C9	-1	AAGTCCCGCTCTAGTGGGAAAGAAA GAAGTTGAACAAGTAATCCAAGGG
6794	Table 3A	NA	62F11	-1	CGCCCCGCAAGTACTGGGGTTTCTTA TAGCTTCTCTGCATCTACAAAG
6795	Table 1	NA	63E1	-1	CTGTTTCTCTATTTAACTTACATTGG TTATTCTGTAAGTCAGATGTGGCAG
6796	Table 2	NA	65B1	-1	GCACTGTCCTTCCAGTTCACATTT GAGTCTGAGTTGACTCGCAAGACT
6797	Table 2	NA	65D10	-1	AACAGATTGTGCTTCTGTTCTGAATC TTCTAAAGCCATCTGCACAGTGCT
6798	Table 2	NA	65D11	-1	AACAGATTGTGCTTCTGTTCTGAATC TTCCAAAGCCATCTGCACAGTGCT
6799	Table 2	NA	65D12	-1	ATCTGCACAGTGTAGCATGGTGACT CCAGTGTCTCCAAGACTCCATAG
6800	Table 1	NA	68C9	-1	TTTAGCATCCACTAGTTACTGTCTGG CACTGGCCACGAAGGGTGACAGGG
6801	Table 1	NA	69F8	-1	GAATCCCGGTCTCTACCCAAGTC CCGGTCTCTACCCCTATTCTCTC
6802	Table 1	NA	69H11	-1	TGGTAACTTCAAAGTCCCTAACACAT TCGATATTTCTCTAGCTTCCACT
6803	Table 3A	NA	70B6	-1	ACTCCCACCAAACCCACTTTGTAAAT CACTGGTAGTAAAGAGAGATGCAG
6804	Table 3A	Hs.17109	integral membrane protein 2A (ITM2A), mRNA (cds=(139,930))	-1	AAGAGTAAGAGGCAACAGATAGAGT GTCCTTGGTAATAAGAAGTCAGAGA
6805	Table 2	NA	72D4	-1	GAAATTGGAAGGTGATACTTGGGGAC CACAAACGCACATCTGGGAAGTCT
6806	Table 3A	Hs.234279	microtubule-associated protein, RP/EB family, member 1 (MAPRE1), mRNA (cds=(64,870))	-1	TCATCTGTGGCATAAGAAATGTCTAC AATCTTCTGCAATACAGGGTCTGTT
6807	Table 2	NA	72D8	-1	GGCAAAGGGAACAACTTGAGTAAATC TAGCTCTTGAAGGGCTCGGGACCC
6808	Table 1	NA	73C4	-1	ACTCATTTGTCTCCTCATTTCAAAGG TCTTCTGTGGTTTGGCTTCAGTG
6809	Table 1	NA	73H4	-1	TCGATGGGCCATTATCCACTCTGCTA TCTTCTGAAGAGTAATTTTCACCT
6810	Table 2	NA	73A7	-1	AAGGACGGAAGTACACATCTTCTTT AGACAGAAATGTAGTCTCACTGCA
6811	Table 3A	Hs.174228	small inducible cytokine subfamily C, member 2 (SCYC2), mRNA (cds=(0,344))	-1	TATAATCCAGTCCATGAGGGTGTA AGTGAAATGAGCTGGCTGGCTGGA
6812	Table 3A	Hs.3945	CGI-107 protein (LOC51012), mRNA (cds=(84,719))	-1	GCTCTGTTCTGGGGTTGGTCCAAAGT CAGGTGGAGTTCCAATGTATGAAA
6813	Table 1	NA	75A2	-1	TCCCTGAGATCTAGGAGGGCAGCAT AGTATCATTTTTGTATCCGGTGCT
6814	Table 3A	Hs.249495	heterogeneous nuclear ribonucleoprotein A1 (HNRPA1), transcript variant 2, mRNA (cds=(104,1222))	-1	AGCTGCTACAAAGAAGACATGTTTTA GACAAATACTCATGTGATGGGCCA
6815	Table 2	NA	75B12	-1	AGGGATCTGAATACTTCGGGTGCAAA AATTTTCTGCAGTTTAGATTTGC
6816	Table 2	Hs.205442	601439689F1 cDNA, 5' end (clone=IMAGE:3924407 /clone_end=5')	-1	TATGGTTTCCAATATCGACATGGCAT CATTGGTTACATTAGCATGGGCC
6817	Table 3A	NA	101G7	-1	GGCCTGGGCATAGACTGTGGTGAGG TCACTAGATTATCTTGTCTTCCCC
6818	Table 3A	Hs.179565	minichromosome maintenance deficient (S. cerevisiae) 3 (MCM3), mRNA (cds=(44,2470))	-1	GAGTCTGATCTCAGCTTCATCACCA ACATTCTCGCCCTTCAAGTTGAATT
6819	Table 1	Hs.119640	hBKLf for basic knuppel like factor (LOC51274), mRNA (cds=(55,1092))	-1	GGAGGTCTTTGCCACCAATGGGAGA TGAGCCCAAATTTCCGATATAGGTG
6820	Table 3A	Hs.215595	guanine nucleotide binding protein (G protein), beta polypeptide 1 (GNB1), mRNA (cds=(280,1302))	-1	ACCAGAGGTAAACTTGAGTGTAAATTG TCAGACAGACACACTTTTCCACCA
6821	Table 1	NA	105A10	-1	TGCATTTTACATTAGCTTCCAATATTT ATGGCAGTAACCAACAGTATTATCGT
6822	Table 1	NA	107G11	-1	TTTCCAATGCTCCTTGCTCCATTTTAA ACTTGCTGCTCTTTATAAGAGAA

Table 8

6823	Table 1	NA	107H8	-1	TGTTTTACAGATAGAAATAAGGAAGG TCTAGAGCTTCTATTCTTTGGCCA
6824	Table 3A	Hs.64239	DNA sequence from clone RP5-1174N9 on chromosome 1p34.1-35.3. Contains the gene for a novel protein with IBR domain, a (pseudo?) gene for a novel protein similar to MT1E (metallothionein 1E (functional)), ESTs, STSs, GSSs and two putative CpG Islands /cds=(0,2195)	-1	TTTCATACAAGCCAACAGAATTCAC AGCCACACACTGCACAGGTCATGT
6825	Table 1	NA	109H9	-1	AGGAAGCTGTGAGGGTGGGTTTCATT AGTTGCAGGGATGGTAGTTATGTCA
6826	Table 3A	Hs.80261	enhancer of filamentation 1 (cas-like docking; Crk-associated substrate related) (HEF1), mRNA /cds=(163,2667)	-1	GAGACAAGCTGGAAAGGCCGACCTC AGACCGGAGGGGGTTTATGTCAATC
6827	Table 3A	Hs.1422	Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene homolog (FGR), mRNA /cds=(147,1736)	-1	ATAACTAGACAAGGCTCGAGCACTTT GGGTGGGGATGGAGTGAGAAAGGC
6828	Table 3A	Hs.333114	AV713318 cDNA, 5' end /clone=DCAAAC09 /clone_end=5'	-1	ATTAAGTTGGGTAACGCCAGGGTTTT CCCAGTCACGACGTTGTAACACGA
6829	Table 1	NA	129A12	-1	GCGTTCTAGCTGGGCCAACAGAGCA GGATTTTCGTTTCAGAAAAACAAAACA
6830	Table 1	NA	129F10	-1	ATCATGTCTCATTAAACAGAGTGAAGA TGGAGCAACGTCATCCAGCTTCTG
6831	Table 3A	NA	137D4	-1	TGGTCGCGCCCGAGGTACGGTTTTTC ATGGTAGGGCTGAATGGAAGATGTG
6832	Table 1	NA	142F9	-1	CAGAAAGATAGGAGTGTGCAATGGC AAGGAAACTCAATTTAAAGCAAATT
6833	Table 3A	Hs.250655	Prothymosin, alpha (gene sequence 28)	-1	TTGCAAATTCATGGTTTTGGGTTGG GTGGTGGAGAGCGCGTGCATCTG
6834	Table 3A	Hs.249495	heterogeneous nuclear ribonucleoprotein A1 (HNRPA1), transcript variant 2, mRNA /cds=(104,1222)	-1	TTATTCAGCGTCACGATCAGACTGTT ACATTTAGCAATCAACAGCATGGG
6835	Table 1	NA	149G2	-1	TGTGTGTATGTGTGAACCAAGGTCTG ACTATAGCTTGGTCTGTCTGTGTCT
6836	Table 1	NA	149A11	-1	AGCATTTGGGGTTTTAGCTTTGGTGT CCTAAATTCAGTGATCTTTGCCA
6837	Table 3A	NA	151F11	-1	CATAAACCAGCAGCTCAGCGTTTCTA TAGCAAGCGGTCTCGAGCACAAAGC
6838	Table 1	NA	162E8	-1	TAGTGATAGGCGTGGTGGCGGCGAA GGTCAGTAATGGGGCTTTTAAACAG
6839	Table 3A	Hs.334330	calmodulin 3 (phosphorylase kinase, delta) (CALM3), mRNA /cds=(123,581)	-1	TACTGTAGAAAAGAAAGAGCACACACA TGAGACAGAGAAGGAGGTGGATGC
6840	Table 1	NA	170F7	-1	CGAGGCGGCCCGGCAGGGTACCAAT TTGGATGAATCTTGATAGATTTAA
6841	Table 2	NA	170F9	-1	TTGGGTTCCAGAATAGCTTCATCTACT GCCGAGCAAAGTCAATACAGCACT
6842	Table 3A	NA	177A3	-1	GGTAACAGCCATCCCACCAACATAA TCATCTCATTTGCTTTGTCCAGCA
6843	Table 1	NA	331A3	-1	GTATGAATAGATTGCCCATTCCTG CCAGCCTGGTAGTGACTTTTCCAC
6844	Table 1	NA	331A5	-1	TATAATTTCTACCAAACAAAGTTTTAT TTTGTGCCCGTCCCTGTCCCTT
6845	Table 3A	NA	146C3	-1	CTGTAAAATCTTTTCGGGTCCATCC TGGCTCTCATCTCCAGTGCTTTGA
6846	Table 1	NA	146D8	-1	AGGGTTAACAAAAGTATGGAATTCAA TTCTTTTATATGTGCAGCCATGTTCTG
6847	Table 3A	Hs.153	ribosomal protein L7 (RPL7), mRNA /cds=(10,756)	-1	CCCAATCTGAAGTCAGTAAATGAACT AATCTACAAGCGTGGTTATGGCAA
6848	Table 1	NA	158G6	-1	CCGAGGACTCTCTTAGAGAAAGGTG ATTGGATGCTCCGGTTGCCTGTAA
6849	Table 1	NA	158H6	-1	GCGGGTTGAAAAATAGTCGAGAATTG ACAGTCCCTCTCGAAGATGCTTTT
6850	Table 3A	Hs.119598	ribosomal protein L3 (RPL3), mRNA /cds=(8,1217)	-1	TTGAGACCCCAACCACTGCAAAATCT GTTCTGGCATTAAAGCTCCTTCTT
6851	Table 1	NA	158G11	-1	AATGAAAACTCCAGCTCTCAGCTCA CAAATCTGTAATTTAGGTGCTCT
6852	Table 3A	Hs.326249	ribosomal protein L22 (RPL22), mRNA /cds=(51,437)	-1	TCGTCCTGGTAACTCTGGAAGTAACG TAATTCGTAACCTCTTTGCTGTT
6853	Table 3A	Hs.297753	vimentin (VIM), mRNA /cds=(122,1522)	-1	TCGGTTGTTAAGAACTAGAGCTTATT CCTATTCCAAATCTATCTTGGCGCT
6854	Table 3A	NA	155H10	-1	AGATAAGAACTTCATCCTAAAGCATC CGGGCCTTGGCATCTTGTCCATGC
6855	Table 3A	Hs.108124	cDNA: FLJ23088 fis, clone LNG07026 /cds=UNKNOWN	-1	ACTGATTTTCATCAAGTTCGACACTGG TAACCTGTGTATGGTGACTGGAGG
6856	Table 1	NA	159F8	-1	AATCATTGGCTACCTCCTCCCTTTT ACAGTCACAAGTCCAGATGTTTTGG

Table 8

6857	Table 3A	NA	166F3	-1	AATAAATCCCATACCTCCCATTGAAC TACCACCCACCCCGACCACCATAA
6858	Table 1	NA	166F6	-1	CAAGACATTTCCAGCCCACTTCAGAA TGTAGATCTTTGAGCCAGACAGCT
6859	Table 1	Hs.8121	Notch (Drosophila) homolog 2 (NOTCH2), mRNA /cds=(12,7427)	-1	GAGGTAAGTGGCCTGTGAAGCCCTGA AGGCACTGGCACTGGTAGGAACCAG
6860	Table 2	Hs.25130	cDNA FLJ14923 fis, clone PLACE1008244, weakly similar to VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1 /cds=UNKNOWN	-1	ATCTTCTGTCAAAGTCAGTCGCTGCT CCAAGATTGAAACAGTCTGTGTCA
6861	Table 1	NA	168A9	-1	TGGATGGATTTCCAAGTGGCCTCATA TTTATCATGGTGCTTTAAATAGCA
6862	Table 1	NA	171F11	-1	TTCAGCTTAGGAAAGAGATACAT TTTAGATTATAGAGCATCGCCTGC
6863	Table 3A	NA	171G11	-1	ATCTTCTATGTGCGCCAGATAATGA TCAAGTTCACAGGTGGTCTTACTT
6864	Table 1	NA	175D1	-1	AGTTTCTTAAGTCAAATGACACATTAG CCCACGCAATCCAGCCCCAGC
6865	Table 1	NA	182H1	-1	CCCTCTTCTGACATGAATTAGGCATA ATTTAGCAATCGGTTCTTCCAAA
6866	Table 3A	NA	184B5	-1	ATACAGTGAAGTGGCCACTGGCTGTT TGCTATATAAATGGTACTGCTT
6867	Table 3A	NA	184D2	-1	AGGTTACTTAAAGCATCATTGGCGT GGTCTCTCACTACAAAGGGCAG
6868	Table 1	NA	184H1	-1	CTGGGGTCAGCAAAGGGGTAGCA AGTGTGCCTTAGAGATGAAGAAATG
6869	Table 1	NA	46D1	-1	TTTAGAGTACTTAGAGGAGACCAGG AAACTGAGACAGACACCGCAGGC.
6870	Table 1	NA	98C1	-1	TGTTTGAAAACACTTTCATGGGAGC AATGACAAGCACATGTCTAGGATT
6871	Table 1	NA	98C3	-1	TTTGTGCCAAGTTTGGGATTTTGTG TTCTAGAGCTTCTTCTCTATTGGT
6872	Table 2	Hs.205442	601439689F1 cDNA, 5' end /clone=IMAGE:3924407 /clone_end=5'	-1	TTTTTGACGCTCTCTCACTGGTCTTG GCATTTGATGTTTCTGTGAAGCC
6873	Table 1	NA	98H4	-1	CCTATAATGGGGAAAGATGCTGGTT AGATGTTTATTTTAGTGGGCTTGC
6874	Table 1	Hs.169363	GLE1 (yeast homolog)-like, RNA export mediator (GLE1L), mRNA /cds=(87,2068)	-1	CCACAAACACACCCTGCCACCAAGACA TTTAGCACAGAGGAACAGATCCAT
6875	Table 3A	NA	113F12	-1	GACACCACAACACTCACCTCCTTATTA TTAGAGATCCCGAGACATTACGGC
6876	Table 1	Hs.30212	thyroid receptor interacting protein 15 (TRIP15), mRNA /cds=(15,1346)	-1	TGTTACAATTTTCAGCAGTTGAATTCA GTGAACACTGGTTGAGGAGTGCTT
6877	Table 3A	NA	173A10	-1	CCTCCGATTCTCCCAAGTATTCAC AAGCCCTCCCTTAAAACCTCTCT
6878	Table 3A	Hs.334853	hypothetical protein FLJ23544 (FLJ23544), mRNA /cds=(125,517)	-1	ACAGCCATCTGGGATGAGCCGCTTTT CAGCCACCATGTCTTCAAATTCAT
6879	Table 3A	Hs.20252	DNA sequence from clone RP4- 646B12 on chromosome 1q42.11-42.3. Contains an FTH1 (ferritin, heavy polypeptide 1) (FTHL6) pseudogene, the gene for a novel Ras family protein, ESTs, STSs, GSSs and a putative CpG island /cds=(0,776)	-1	TAACTGAATACAGTCTCATCTTGCCG. CGCCTGGCTTACCTATCTGTGGAA
6880	Table 1	NA	174D1	-1	AGGTAACACAAAGGTGTGATGG GGTTGCCACAATGACTAGGACAAGA
6881	Table 1	NA	45B9	-1	CCAAGAAGACAGAGGAAGTGTGCA ACACCATGACAAGAGCTTCCAGAA
6882	Table 1	NA	45H8	-1	GAGAGCTTCTCCCGCCTTCAAGTT CTGATGGATCTAGCCATGTTGAAA
6883	Table 1	NA	111H6	-1	TAAAACCTTCTGCCAGGGTTCCAGAG AAAGAGTAATTTCCCTTTGAGTACC
6884	Table 1	NA	111E12	-1	CGCTCGCCGGCCAGGTACCAAAC TTTCATAATAAAAGGTAGGAAGGAT
6885	Table 1	NA	111H11	-1	TGACTTCATTGAAGGCTCCATCACC AAAGTAGATGTTAAAACCTTAAT
6886	Table 1	NA	112H3	-1	TTTATGTGGAAGGCTTCCCTATTACC TCCCAGCGAAATTCGTAGTCTTTC
6887	Table 1	NA	112E9	-1	TAAAATGTTGCCAGTGGAGGACCGAA TCAAGGTTATTGCTGACCTCATTT
6888	Table 1	NA	114G3	-1	AGATATGTTCTGAGCCCGCCACAC ACTGCCTGGTTACAGGGAGAGAAG
6889	Table 1	NA	117H6	-1	GAGGTTCTTCATCCCAGAAGAAGCA ACAGGATTTCCAGATCAGGGCAAC
6890	Table 1	NA	165E7	-1	CTGGTCTGTGTCGTTGGCTTTATGAC AGGAAGTGCCTGTGGGTTATCTTA

Table 8

6891	Table 1	NA	165E11	-1	CCCAACGCTTGTGTGCGTATGTATGT GTGTATTTAACATCCTGTTCCCAT
6892	Table 1	NA	165F7	-1	GCATAAAGGCAGCCATTTCCATTCTC TACATTCTCTAGTGATAGCAGAGG
6893	Table 1	NA	176A6	-1	CGTTACGCAATGGAGAAGTCCCCTTG AGGCTGAATAATCACATCTGTATC
6894	Table 1	NA	176G2	-1	AGGCCAAATCACCCGACAGTTGAATT GCTGATTCTAATTGGTAACAATAA
6895	Table 1	NA	176E10	-1	TTGTAGTGAATTTGTGTATACGCAA ACCTTTAGTTAACCCAAGTGATGA
6896	Table 3A	NA	176F11	-1	CCTTGTTCCGTGGGTATATGCATGA TCTTACCTTTTGTGACTATGAA
6897	Table 1	Hs.232400	heterogeneous nuclear ribonucleoprotein A2/B1 (HNRPA2B1), transcript variant B1, mRNA /cds=(169,1230)	-1	AAATGATATGTTAAGCACCCAAATCTT CACATGGAGGGGAAGGGGGTGGG
6898	Table 1	NA	71F2	-1	GGCCAAAGCTGTTTATTATGAGATCT TTGAGTGGAAATCAGCATGTCTCCC
6899	Table 1	Hs.172028	a disintegrin and metalloproteinase domain 10 (ADAM10), mRNA /cds=(469,2715)	-1	TTAACAGCATTGAAGGTGAAACAGCA CAATGTCCCATTCCAAATTTATT
6900	Table 1	Hs.180610	splicing factor proline/glutamine rich (polypyrimidine tract-binding protein- associated) (SFPQ), mRNA /cds=(85,2208)	-1	AGGTACGAAAATACATTCTGGCATCA CACCCCTGAACCCAAGACTGTTCT
6901	Table 1	NA	124G4	-1	GAACTACCTACTGGCAGTTGGGTTCA GGGAGATGGGATTGACTTCGCCTT
6902	Table 1	NA	124C8	-1	AGAGCTAATATACAGAGTACCTGACA CACTACCTCACCAACAGTTAACT
6903	Table 1	NA	124F9	-1	GCCAGGCAACAAGAATACTTTTATC TTTGATCCGTTCTGTTTATCCAGT
6904	Table 3A	NA	127A12	-1	CTGAGGGTAGACTGTGGGCAAGAG GACAACTCTCCCTCCCTAAGGGAG
6905	Table 1	Hs.50180	601652275F1 cDNA, 5' end /clone=IMAGE:3935610 /clone_end=5'	-1	TGCCAGACCTATTTCTTAGGACAG TATTCTAAAGTTCAGTAGTCCAGT
6906	Table 1	NA	161E8	-1	GCCCTGTCCCTTGAGAGGCTCACAG CGATGGAGGCCACTTTTGTGTTTG
6907	Table 1	NA	186E8	-1	ACCAAAAGGGCTACATTACCACCAC TGTATCATAAAAGCCAGCCACCTT
6908	Table 2	NA	191F6	-1	AGCTGACGATTTTCTATCCCGGCTA TAGTGATGTATGGCAATTGAGCA
6909	Table 3A	NA	193G3	-1	CCCCAAAACAAAATAAACCCACA CCAGATATCAGTCACATCCTTGAA
6910	Table 1	NA	194C2	-1	AGTCTGTTATTGCCTGATTTTGTCCC CACCTTGTTCAAATTTCCAAAGCT
6911	db mining	NA	458C6	-1	CTCACAGCCGAAGCTCTGATCCTTTG TTCTCAGGAAACACTCAGGAAGTG
6912	Table 1	NA	458E4	-1	AGAGAAAATGAGAGACAGACAGTGA GTGGAAAAGTCAGCGAAAAGGAAAA
6913	Table 1	NA	458G10	-1	TCCTTGAGTTTATACACCGTGCTATG AGTGATGACAGCCAATTCCTATGC
6914	Table 1	NA	459B3	-1	TCGCTTCAGGGGTGAGCCAAAAGATA GACAGCCAGGTAACCTTGAGTGGAC
6915	Table 1	NA	459D2	-1	GGACAGTACCAACACTCCCTCCCTC CCCTCTGCCTCTTGCTTACTTAG
6916	Table 1	NA	459E6	-1	GACCAAATACTGAACTTCCACCCTGC ATAATAATCATGAACACCGCACCA
6917	Table 3A	Hs.20830	DNA sequence from cosmid ICK0721Q on chromosome 6. Contains a 60S Ribosomal Protein L35A LIKE pseudogene, a gene coding for a 60S Ribosomal Protein L12 LIKE protein in an Intron of the HSET gene coding for a Kinesin related protein, the PHF1 (PHF2) gene coding for alternative splice products PHD finger proteins 1 and 2, the gene coding for five different alternatively spliced mRNAs coding for a protein similar to CYTA (CYCY) and identical to a polypeptide coded for by a known patented cDNA, and the first two exons of the gene coding for the homolog of the rat synaptic ras GTPase- activating protein p135 SynGAP. Contains three predicted CpG islands, ESTs and an STS /cds=(163,2184)	-1	AGGTGAGCAGTGCTCAGATACCTG CAAAACCTTTCTGCACAAATGTGCT
6918	Table 3A	NA	460D5	-1	CAGATCCAATGAGGGTCCCATCTCTT CCCCTTCAATCCCGTGTGTTCTT

Table 8

6919	Table 1	NA	460B9	-1	CCAACCAAACCATCAAACAGCAGGGA GCTAGTGAAGAGGTCTATTGTTCC
6920	Table 3A	NA	461A4	-1	ACATCGCCTAAAACCGTGCATCGTAA ACATTTACCTCAAAGTCACTCCTCT
6921	Table 1	NA	461G6	-1	TTTTCACTCCTCTCAGAGTCTACTCC ACCTCTCCTCACTCCCAGGACAC
6922	Table 1	NA	461D9	-1	AGATCTGTGTTCCGTCTCTAGGTAATA GGAAACACAATCCAGACATGATCT
6923	Table 3A	Hs.80768	chloride channel 7 (CLCN7), mRNA /cds=(38,2455)	-1	TTCATGAAGTCCGAGAGGTCCATGGT GCACTCCCCTCGTCCCTGGGACAC
6924	Table 1	NA	461H7	-1	CTGGCAATATTAACTTGGGTTCTGTT TCATCTGGCTATAAGCCATACA
6925	Table 1	Hs.333513	small inducible cytokine subfamily E, member 1 (endothelial monocyte- activating) (SCYE1), mRNA /cds=(49,987)	-1	TGCCATTCTTTTGTGAACCTGTAAA GGTAAGCCCAGATTCTGAAACCT
6926	Table 1	NA	463A5	-1	TAAAGCACTTATGAGAATGCTGCATT TGTACATGAGCTACGCCCTCATCTT
6927	Table 1	NA	463B2	-1	GCACCACCTCCTCAGTTTACAGACAAG CCCAGCACCCCAAATACCACTATCT
6928	Table 1	NA	463C5	-1	AGCGCATGAGTGACTCCCATCTATAT ATGTCAGTCGTCTCTGGTGC AAGG
6929	Table 3A	Hs.40919	hypothetical protein FLJ14511 (FLJ14511), mRNA /cds=(22,1272)	-1	GAAACAGTGGCCCGGTCGTAGTGC GCTGTCCAGATCTTCAGCTACACC
6930	Table 1	NA	463H5	-1	AGTGCACTCACACTGATGATAAACGA TAGTAGCTTCACAGGTTTGCTTCT
6931	Table 1	NA	463A7	-1	GCTTCAAATTCCTTACCCCAACCT CTGGCACCCCAAATTTGATCACTA
6932	Table 1	NA	463B10	-1	GAGGAAGGGCTGGCTCTTACTCCCC ACAAGAGGTGTTCCCTTAGGCCACAC
6933	Table 1	NA	463C7	-1	CCAATCTAATTTAAACCTCATAACAG GACATAAGCTTGCGCCGCATCT
6934	Table 1	NA	463F10	-1	TGCTCAATGTTTTGCACTGATTTTATT CAATGTTTTGAAGGGCGTTATGA
6935	Table 1	NA	464C2	-1	TGCTAACACAGCTTCTCGGTATGTT AATATTCTGCTAACTCCTTTCTCA
6936	Table 1	NA	464C5	-1	GGAGGAATGGCTGTGCCCGTCCCT CCACTTAAGCGACCTGAGTCTCCAG
6937	Table 1	NA	464C10	-1	ACACACACTTAAGAGTACAGATGAGA GCCAAAAATAAGTGGCAGGTCTTT
6938	Table 1	NA	464D8	-1	TTTTGTGACTGTGCATGCTTGAAAG AATAAGTTTTCTGCAGCTGTGTCT
6939	Table 1	Hs.221695	7k30d01.x1 cDNA, 3' end /clone=IMAGE:3476785 /clone_end=3'	-1	CTTGTCTGTGGCGTGGCACACAGTA GGTGCTCGGTTTGTTGTTGAATG
6940	Table 1	NA	464E7	-1	GAATTCGAAATACATGTTGGACTGTG TTTCTTTGACCTGTGTTTCTTAGG
6941	Table 1	NA	464H12	-1	TGAGTCCTTGGCCTCAGCTTCTAATC TCAAACCTAAAATAGATTGCGTTT
6942	Table 2	NA	465B3	-1	TCTTCTCGTCTTTGCTATTAAATTTCT TCACGGACCATGCATCTGGAGGA
6943	Table 1	NA	465G2	-1	CCAGAGACTCCTAAGCAGAATCAAGG ATGTGTGGCATAAGCATGAGAGCC
6944	Table 1	NA	465H5	-1	CCCATAAAGAGGAATAAGCTACTGTCT CTCAGCTCTTGTAGCTCAGGCTT
6945	Table 1	NA	465A12	-1	AGAGTTTGAACACAATCCAGTCCAC ATGCTTATCCAATCCCATCATCCA
6946	Table 1	NA	465F7	-1	AGCTCAAAATATGGCAAAGTGATGAT TTCGTGTTAATCCTAGAAAACAGCA
6947	Table 1	NA	465G8	-1	TGGGTCTGCTTTCACATGAAAGTGCT ACGAATTCCTTTTGTGCTGAGCC
6948	Table 1	NA	465H10	-1	GGATGAGCCCACTCACAGCACCCAGA TTTGTACTGAAAGTACCTTAATATC
6949	Table 3A	Hs.136309	DNA sequence from clone RP4, 812B15 on chromosome 1p22.2-31.1. Contains the (possibly pseudo) gene for a novel protein similar to 60S ribosomal protein L17 (RPL17), the gene for CGI- 61, endophilin B1 and KIAA0491, ESTs, STSs, GSSs and two CpG islands /cds=(1011,1406)	-1	AACCCAAATCCAAATGCCAGGATAGA AGAATTTGTTTATGAGAACTGGA
6950	Table 1	NA	515C12	-1	CGCTTTTGTACTGATTACTATTTAC ACAGGTTACAGCTATGACCATGA
6951	Table 1	NA	515H10	-1	CTGCCGCTAATTCAGTAAATTTGCG ATCGTCCGCCCTCCAGGTACATAT
6952	Table 1	NA	55G3	-1	AGGCGTGCTATTAATTTATCCCATACC CTCCTTACAGAAATACACTCGCA
6953	Table 1	NA	55F9	-1	GGGAGAAGTTCTTTAACTAAGGGTA CAAAATGAATGAATGCTGGGGGC
6954	Table 3A	NA	99E7	-1	ATTAGCGTGTTCGGCCCGAGGTAC ACCAAACCTTCAGAAAGCAAAGTT

Table 8

6955	Table 1	Hs.319825	103C4	-1	AAGATATGAAATATGCCTACCCGCAG AGCTTGGCACAAAGTGGAGTCAAT
6956	Table 1	Hs.17481	mRNA; cDNA DKFZp434G2415 (from clone DKFZp434G2415) /cds=UNKNOWN	-1	GTACAGAGATCGGATCACACAAGCC CGGAGACAGTGCAGCTTCTCCACTG
6957	Table 1	NA	116C9	-1	AATGCACCTTGTGATAAACTGACAGCA GGGTTAGACATTACTTTCAAAGCT
6958	Table 1	NA	128F5	-1	CCACTGCTCAGGAAACTGCCTGTTCG GTGCTCCTCCAATTCAATTAAGCT
6959	Table 1	NA	135F10	-1	AGTGCTGGTATAACTGCAGAAAGAGA TAGAGAAGAGAGATCAGTGAGAGC
6960	Table 1	NA	189F3	-1	AAGTCAGGACCTTTGCACTTGCCCCG CCTCTGCCITCAGAGCTTCTCTCA
6961	Table 1	NA	189A8	-1	TAATCAGGGAAGAGCTTGAGATCATT AGCAACTGAACTGAACAGGGAGTT
6962	Table 1	NA	195H12	-1	CTGGGTACGTCGCCCACTTGGT ATCTGTGTGGTTAGGCATTAGGCTG
6963	Table 1	Hs.292457	Homo sapiens, clone MGC:16362 IMAGE:3927795, mRNA, complete cds /cds=(498,635)	-1	GGTGGTAGGTGAGTGGGTATTGCCG GCTAGTATCCGAGCAAAAGATGGTG
6964	Table 3A	NA	466C4	-1	CAGCCCCTGCTATCTCTGGTTGTTCA GTACTTCTGTAAGTGGAGACCCCT
6965	Table 1	NA	466D1	-1	GAAGGTGAGAAACCCGAGAGACACC AACTATGATTTTTACTTTTCTGGT
6966	Table 1	NA	466G2	-1	ACCACCCCTCCCTTCCCTCCTTAAAC TCATCTCGAATCTCTCTCATACAT
6967	Table 1	NA	466H5	-1	CTCTTATCCTGCTCTGCCCTGGA CTGAACCCAGTCCCAATACTCATG
6968	Table 1	NA	466B7	-1	CGACCTAATCTGTCTCCCAAGAGGC AGACCAGGACTCCAGCCCCAGGAG
6969	Table 2	NA	466B10	-1	GCCAAATCTTTGCTGTACAAAGTA CAGATGTTTTGACTGAAGTTCCA
6970	Table 1	NA	466C9	-1	GCCACAGTGAATAATACAAGGCAAG GCTCATAGGTAAACAAGTTCTAT
6971	Table 1	Hs.7187	mRNA for KIAA1757 protein, partial cds /cds=(347,4576)	-1	AGTGGAGTGTTTACACCTTGCTGTAA CATTGAACTTTCACAAGAGATGT
6972	Table 1	NA	121F1	-1	AAACCCACCCATCATTGCCCCTGACT ACCCATCTCCCGATTAATTCACCC
6973	Table 1	NA	121A11	-1	AGGGAACAGAGCCAGGATTTAAACT TAACAATTTGTCTCCCAATTGCA
6974	Table 3A	NA	121F8	-1	CTCCTGGCAGCAGAACTAGTAGTT TCCATGTCTTGAGGACATAGGTCC
6975	Table 1	NA	178B2	-1	TCGAACCTGTTCCAGGTATGCTGATA GATGTCGGTAGGGCCTCTTAATT
6976	Table 3A	NA	178B5	-1	GAGGTACTATAAACAGATGCCAAA ACACCTGCCCTCCTGGTTGGCCG
6977	Table 1	NA	178F5	-1	ACATTCATCTGTTTCCACTGAGGTCT GAGTCTTCAAGTTTTACCCCGAGC
6978	Table 1	NA	178C12	-1	TTAGCCCTTTTCTGCGCTAATTAGAAT TTCAAGCGTCACAGAGCCTGGGG
6979	Table 1	NA	462A11	-1	TTCAACGAGGTGAACCAAGTGTGATGT CTGTGGGGAAAAACAGTGTAGTCAGG
6980	Table 1	Hs.13231	od15d12.s1 cDNA /clone=IMAGE:1368023	-1	GGAAAAAGAAATTTCTGAGATTTTC CAGTGTATACAGAAGTGTCTTTCCAT
6981	Table 1	NA	462D9	-1	GAGTTCAGTGGGGTGGCCCTCCTC AGTGCTCTTAGGGTACTGTACTGTC
6982	Table 1	NA	462E8	-1	CCACCTTCGAGGTCCCTTCCGGCCTA AGATGCCTGAAATCTCCAAGGAAA
6983	Table 1	NA	462F9	-1	ACAAGGCAAGCTTAAAGAAACACTA AACGAATGAGTGAAGAAGCGGAG
6984	Table 1	NA	462F11	-1	TTCTCAATAACAACCCAGGGCTTTC ATAAATGCATGATCAAAATGTGGA
6985	Table 1	NA	462G12	-1	ACAGAAAATAGGGTGTATATCAGCAT TACGCTGATTCAGCAGAAGATAGC
6986	Table 1	NA	462H9	-1	TCTCGACTGACACCCACTATAAATTC CCTGGGTTGAAAAACTTTTCTTTT
6987	Table 1	NA	472B1	-1	TCCAAACCCCTCCATTACAATCTAAC ACACTTCCCCTACATCGTCTCCT
6988	Table 1	NA	472C1	-1	GCATTTATTTTCTTACAGAGAACCT GGCGGCTGGGTCTGGGAAAGAGC
6989	Table 1	NA	472E6	-1	ACCCACAATTAGTGAGAGTGCCCTTG AGCTTGAGATTCCCAATTCCTCCT
6990	Table 1	NA	472F4	-1	TGGATATAAAGTGTGTGTTCTGACAG AAAATGGGGAGAAGGTGGCTATTT
6991	Table 1	NA	472G2	-1	GCCAGAAAATCCTGGTTTCCCTGGTG TCCCCTCCAATCTCTTTTACCAA
6992	Table 1	NA	472D7	-1	CCATTGTGCGCCGGAGCTGGAAGA TAGTTTAGAGAATGCCCTTAGCACTT
6993	Table 1	NA	472G12	-1	CAGCACCCAGTACAGGTATGCAGGA AGGACTCGCTTACTTAGAGAGTGG

Table 8

Accession	Table	Species	Gene/Region	Position	Sequence
6994	Table 1	Hs.75354	mRNA for KIAA0219 gene, partial cds (cds=(0,7239))	-1	AACACACCAGAAGGAAAAAGCACAGA CAGGGAATGAAGCCTGCAAAGTCC
6995	Table 2	NA	64G9	-1	GTAACTCAGTGCCCCAAAGATTCAT AGTCAGCAGGATTGGCCAGCAAAT
6996	Table 1	NA	467E5	-1	CGCCCCAAATATAAAATCTCAATACC AGTTCCTTTTCCCCAGTACCCAG
6997	Table 1	NA	467A8	-1	AGTCACAGGATGTTCTCTGCACCTCA TCTGCACTCTGAGCCTTACTCAA
6998	Table 1	NA	467C9	-1	GTTAGAGCCCTCGTGCCCTGCTTCTT CAGCTACCATTTTCTCTCTGTGACC
6999	Table 3A	NA	467F8	-1	CCACCACAACCACACACAAAAAGT CAACCACACGAATATACCGGAAA
7000	Table 1	NA	468E6	-1	CAGTTGGGCTGTTAGTAGTCTGTGAC ACAGGTGAGAGGAGCAAGAGATCC
7001	Table 1	NA	468B9	-1	AATCTATTATCAGGCAATTAATCACTG AGCACTCTTCTGTCCACACTGT
7002	Table 1	NA	468E10	-1	AGAGGAGTGACGGTGAATGGTACTG AAAGCGGTTGTAATGGCAGAGAG
7003	Table 1	NA	468F10	-1	TCTCCTTGTCTGATTCTCTCCCATC TACAACAACCTCCACTCCCAAAG
7004	Table 1	NA	468F11	-1	CACCTAACCAAGCGGGTGGGCTGA TGACCGATGACCGTAAGCAGTAAGG
7005	Table 1	NA	468G12	-1	ACCTCTTCTTTAGCAACACTAACCAC TCCACTGGGGAAATATACTCT
7006	Table 1	NA	468H11	-1	ACTACCGCACACAGAACACATGACC AGGTGAGTGACAGACAGCATCAG
7007	Table 1	NA	469B6	-1	CAGTTTTACTCCTGGTCATCTTGT GAGTGTGGATTCTTCTGCCCCT
7008	Table 1	NA	469D2	-1	TTTTATTTGGCTGAAGTTGGGTATG GCTGCTTGTGGCCTCTGCTGGG
7009	Table 1	NA	469A10	-1	ACAGCTTATAAGCACTTTCTCATGC ACTTCTTCGCGTATTTGCACA
7010	Table 1	NA	469E12	-1	GGGGCTCAAACCTGTGACTTACTGCT AACTAACATCAAAGGAAAAGCTGG
7011	Table 1	NA	469F8	-1	ATGATCATTGATAGATATTCTAAGAG CATGCAGGAATGAGGATGCGTGCC
7012	Table 1	NA	469G8	-1	GACAACAAACCTGCTTGCTTGGTTAC CCACAGCGCACTGAGTATAGAAGT
7013	Table 1	NA	470B2	-1	TCTTCAATTATTATGCTCTAAGGCA GTGTCTGTCTTCCACCATCCCGC
7014	Table 1	Hs.118174	tetratricopeptide repeat domain 3 (TTC3), mRNA /cds=(2082,7460)	-1	TGAGTATTTTTAAATCCCTGTTTGG ATGCTTCCAGCTAAATAGTCTACCT
7015	Table 1	NA	470C3	-1	TGGGTTTACTCAGATCTTCTCCTTCTT AAGTGAGAGTTTAACTACATTTT
7016	Table 1	NA	470D5	-1	GTCCAGAGCTAGAAGAACCAAGTCTT CCTTTCTTCAATTCATTGTTCAAGT
7017	Table 1	NA	470E1	-1	CTTCTCTTAGGATCTGGAGGGAGGG GAGTGTAGAGCTTGTGAGCCATG
7018	Table 1	NA	470E5	-1	CTGAACGAACCCAGTCTTTTGGACTA CCAGTCTTGAAGTGAAGCTCAGA
7019	Table 1	NA	470F3	-1	AACAAAAGCACTGACAAGCTCATATG AACAGGCTAAAAAGTGAGTGAAGT
7020	Table 1	NA	470G6	-1	TTCTCTTCTATATCTAGCTAAATTGC CTGTGCGCCTCCCATCCTCCTCA
7021	Table 1	NA	470B8	-1	ACACACTTGATAAATTAGACCAGTGC AAACCGCAAGAATCCAATCAGCT
7022	Table 1	NA	470G10	-1	ATAGTAGGTGAGCCAGTAGTGTGAAT GCTTGTCAAGCTTCCAAGGATGGA
7023	Table 1	NA	471D8	-1	AACCACCACCAGCTTCCGTGTACAA GCAGGGACTCTGGCTACAGTGCTA
7024	Table 1	NA	471F1	-1	TTTCTCCCTCCCTCCCAATCCAC AAAACACGTAATTTCTGACTATCCA
7025	Table 1	NA	471F4	-1	CAACATTCACAAAAGTGGTCCCCGAA TTAGTGAGAAGGTTCCAGGAGTGC
7026	Table 1	NA	471F6	-1	GAGAGATTATAGCACAGTCTCCAGG GCTCAGTCAGGTCAATCCGAGCAA
7027	Table 1	NA	471E9	-1	TTCAATGCTTTTGTCCCTCCCTCGCAG ATGTTTAGAACAGATCCTCCTTCT
7028	Table 1	NA	471E11	-1	TCCCTCTCTCAGGGCTGGGAAAAGAAA GGTTCATCTTCACTCAGATGCAAG
7028	Table 1	NA	471H11	-1	TTCTGTGGTCTGCCAGCTCATCCAT TCATCCATCACCTGCCAGCTAGAC
7030	Table 1	NA	473E4	-1	ACACAGTTTTGGCTCCCTTATTTTCC CCGTACTCGAAACATTTCCATGCA
7031	Table 1	NA	473F3	-1	ACCAAATCGCAAAAATACAGAATGCC TGTAATTGAGTCACACCTTAAAA
7032	Table 1	NA	473E11	-1	GAGTCCATAAATCTGCATTTTCATGTA GTTGTAAGACTTTTCCCAAAGGT
7033	Table 1	NA	476C1	-1	TCCATTTGAGTTTTCTTCCCATCTCTC ACAGTTGATTGTTCTGTCCTTCTC

Table 8

7034	Table 1	NA	476D3	-1	AAAATTCAGCCCTCCTGGATTCACGT GCCCAATGAAAGTCCCCAACTAG
7035	Table 1	NA	476F5	-1	TTTAACAGGAAAAGCCCCAAATTTT TTATGCTGTCTACAATCTGGGCC
7036	Table 1	NA	476G3	-1	AGTTGCACTGGTTGTTCTTGGCTGCG GTGCTTCTCACACAAGAAAGCCAG
7037	Table 2	NA	476G4	-1	TTTCCTTTTTCCCTTGTCCCTTGGCTT CCCCATCACGGAATCCCCCTTC
7038	Table 1	NA	476A10	-1	CTCCCACGCCTGGCCGTAGTCCAGA GCTTCTTCTTTTCATGGTTGGGTT
7039	Table 1	NA	476G8	-1	GCCAGTGTACGTTGCCAGGCATTTC TGTAAGAGAAAACCAATAGCCA
7040	Table 1	NA	476H10	-1	CCGTCTTCTTTTGGGTGTTTCTCCT AGTTTCGGCGGAAATCAGAGTTCA
7041	Table 2	NA	477E1	-1	ATGAACCCTCACCTGCTCTGCAGTGC AGTTTTGATTTTAGTCCCAGCAA
7042	Table 1	NA	477E6	-1	AGATATAGATGGTAAAAATGTGATGCA ATGTAAAAAATGTAATACACACAC TCTCCA
7043	Table 2	NA	477A11	-1	TGAGTGGGCTTCTCTTATGGTACAGT CTCTTCTATGAGGGGCTTCAA
7044	Table 1	NA	477D9	-1	TGGGCTTCAAATGGTACAATGGAGT AATCAAGCTCATGGACTGAGAGTT
7045	Table 1	NA	477D10	-1	CTTGAAGCTACTTGTCCCTTCTGTG CCAGACCCTAATGGCTACCCAC
7046	Table 2	NA	480A3	-1	TTCCCAGGGCGCTCCATCTACAGCCT TACTGTGACTCCACTCAGCACCAG
7047	Table 1	NA	480B5	-1	ATTCCCCTAAGCTCCTGTCCCCCGC CATGCACGACTGGTCAATCAAAA
7048	Table 1	NA	480D2	-1	AAGACACACCCTCCTGTTAATAAA AGTTGTCCCCTCGACATGCATAAT
7049	Table 1	NA	480E2	-1	CCTGGTTACAATAATGAAACTGTCTGT GGAGTAAAGAGGAAACATGACCA
7050	Table 1	NA	480E3	-1	AGAACCACACACTGGGAGACAATAA CTGCCATTATTAACCAACAGAA
7051	Table 1	NA	480F3	-1	CGCCACTGCTTAAAGATTACAGACAA TTCCCAGGTAAGTTGCCAGGACT
7052	Table 1	NA	480G4	-1	ACAATGATGTTTGAACGCACTCTGA ATCTGTGAAAGCTAGATAAGTCTCT
7053	Table 1	NA	480C8	-1	GCCTTCTCCTCCTCCTCTTGGGCC TATGCTCTAGATAAGCCTGTTAAA
7054	Table 1	NA	480D9	-1	TGTCAGATGACAGATCTAATCCAG AGTGGAGGCTCGTTCGGCCTGGAG
7055	Table 1	NA	480E7	-1	TTTATGTTTCAGCCTCTTCTCCTCCG TTGAGTCTGCCACAAGTCTGCTGC
7056	Table 1	NA	480E11	-1	ATTGTCCAGGTGACTTGACACTTGGC TACCGGAAAAGTTGGGATGTTCTT
7057	Table 1	NA	480F8	-1	TAAAATATGCCCTAATTTAAAGGGCG CAGGGTCCCACAACAAGCCACAGA
7058	Table 1	NA	487F11	-1	AAATCTTCTCAGCTTCTGTTTGTCA TTTAATCACCAGGTTTTAGCGC
7059	Table 3A	NA	499G1	-1	GCTACTGATGGGTGGCCCTTATTCT TGCTTTTATTGTTGTGTCAGGA
7060	Table 1	NA	518F10	-1	AAAAATGGTAGCTGCCCCCATGTGG TATGATGTTAATTTGAACAACAT
7061	Table 3A	NA	524A12	-1	ACCGGCACGTCTCCTCAACCCCTTA ATTCTTTCCAGCTTTTCATATTA
7062	Table 1	NA	526B9	-1	CTCAAGAGGGCATAGACATCCACAC GAGGACTGCATTCTCAGGGTAAC
7063	Table 1	NA	583B5	-1	AACAAATACCCAATTAAGTATTCCC CTTTCCCTATGACTGCTGGTGT
7064	Table 1	NA	583D6	-1	CCGTTGTCCGAAAGCTTGCTTCCAAC TAAAGACCAGAGATGGGAGGGAGT
7065	Table 1	NA	583G8	-1	TTTAGCCCAAAGAAGACTTTCGCATA AATTCTGCCGTAACCTTGTGGA
7066	Table 3A	NA	584A1	-1	CAAAGCAGCAAATACAGAGCACACAA CAATCCTTGGCCTGAGCAGAACAA
7067	Table 1	NA	584D3	-1	ATATGAAGATGGATTGGATGAGGACT GACAAAACGAAGACATGCCGGGCC
7068	Table 3A	NA	DNA sequence from clone RP4-620E11 on chromosome 20q11.2-12 Contains t	-1	ATGCCTAGTCAGTCAGTATTTCTTCT GCTGCAGGTGCTCAAAAACCCAC
7069	Table 3A	NA	591H9	-1	CCTTCGCATTCGCCCATCCATGCTCC AAGATAATAGATTTTCTTAAAA

Table 8

7070	Table 3A	Hs.6179	DNA sequence from clone RP3-434P1 on chromosome 22 Contains the KCNJ4 gene for inwardly rectifying potassium channel J4 (hippocampal inward rectifier, HIR, HRK1, HIRK2, KIR2.3), the KDELR3 gene for KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 3, the DDX17 gene for DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 17 (72kD), ESTs, STSs, GSSs and six putative CpG islands /cds=(307,2259)	-1	GGGGAACACTTTGGTTTGAAGCACAGAGCAGTTTGGCCATGTTTCTTCTG
7071	Table 1	Hs.44577	602388170F1 cDNA, 5' end /clone=IMAGE:4517129 /clone_end=5'	-1	ACTGAATGGTCGAAATCACATATGCA CCACACATACTGATCTTAAGTAAC
7072	Table 3A	Hs.108124	cDNA: FLJ23088 fis, clone LNG07026 /cds=UNKNOWN	-1	CGAGGTACAGCAAAGCGACCCTTGG TGTCATAGATCAGACGGAAATCTC
7073	Table 1	NA	119F12	-1	TACAGAAGAGCAGAGACCAACCTTCT CAAAGTTGGTGAGTATTAACCCAG
7074	Table 1	NA	119G10	-1	CCAGATTTGCTGATGTGTAGGTAGT TGTGGCACACTCACCTGTCTTTCC
7075	Table 1	NA	485A6	-1	CTTTCCAGGTTTTCCCTTTCCGCCAT TGTTTTCCCGCTCGCTAAAGTGAC
7076	Table 1	NA	485D5	-1	TTGAACATTCCGAAAGTAACATCTCT CACTCCCAACACCACAGCTTATCG
7077	Table 1	NA	489H9	-1	AGTAACCACCAAAAGCATAGTTTTAGA AGGGCTTTCCGAAACCTAGCCCTTT
7078	Table 2	NA	494B11	-1	TCCTTCCGCGCCGGCAGGGTCAG TATCTTCCGCGCCGGCAGGGTCAG
7079	Table 1	NA	478E5	-1	GCTCTGAAACCCCTGGAACCTTGTAG CCTAAATGTATTTTTACAATCTT
7080	Table 1	NA	478G6	-1	ATCTTTGATGTGAAGCCCTTAAAAAT AAACGTGAAGGTGCCAGCTTGCA
7081	Table 3A	NA	478H3	-1	ACCCAGCCTGATGTCATCTTTTCCC CCTCTTCATTTTCCCTTCTTTGTTT
7082	Table 1	NA	478C7	-1	AGAAAGACTAACACCAGAAATCATGC TGCAACACCAGAACATCCTTTGGA
7083	Table 1	NA	478G8	-1	TCACAAAATATGGCTCAAGGAGTATA AATCCCTCTCACGCACCCACAAA
7084	Table 1	NA	478H7	-1	ACTAACCAACCAATGAGAATACTACT TACCTCCACCCATGCTGTGAACCC
7085	Table 3A	NA	479B4	-1	TGACCCGCTCAAAGACAAAAGGACT CTACTCCATATTTCTCACTGTCT
7086	Table 1	NA	479D2	-1	GAATGACCACCTGACGCATTCAGAGC TCACCTTCTTGTCTTTCAGCTGTT
7087	Table 1	NA	479G2	-1	TTGGTAGAAACCCCAACCAATAAAA TTCCCAAGCCTGTAAGTTCCGAGCC
7088	Table 1	NA	479G3	-1	CATAAGTTGGGTGAAGAAATGGTGGT TTAATCAGTAATATAGCTCCCCC
7089	Table 1	NA	479G5	-1	TTCTCATCTCAATATCCCCAGAGCC CCAGTACCTCATAATACAAGACTT
7090	Table 1	NA	479G6	-1	CTATCAGGCCCTCCAGATAGTCTTCT ATAAACCAATGATTGAGCAGGACT
7091	Table 1	NA	479H4	-1	TACCCAAAGTCTATTGTAAGTGCAT CTTTTCTATTAGACTGGAAGCTCC
7092	Table 1	NA	479H5	-1	GATGGTTGAGCACTGAGGAGCTCA GGGTGACGGGTCCACAGAGCACAGA
7093	Table 1	NA	479H6	-1	AGAAATTAGAAGATGACTACCATTTG CTAAAGTCTATCCACATGCCAGCA
7094	Table 1	NA	479G12	-1	CCCCCTCGACCCCTCACACCCCTTTC CAGAGAGCCCTTAAGATTCCCATTT
7095	Table 1	NA	479H12	-1	TGTAAGGTTTCATAAATTTAGAGACC CTAGCCAGTCAGTGACAATATGCA
7096	Table 1	NA	482A5	-1	GAGTTGCTTATCCAGTCTCTCTAAG ATATATCTCCCTTTTGTGTGCTGAC
7097	Table 3A	NA	483G5	-1	TGGTGAATGAACATGCCGATTGGCC TTTATGGCCAGTTTGTGCTCTTCC
7098	Table 1	NA	486C4	-1	AGGGAACCCCAAAGGATTAACCAG GACCACTATTTTATAGTCAACAAA
7099	Table 1	NA	490F10	-1	GTGGTAAATGAGAGCATTACAGACCA CCCACATCAGCCTAAAATATAATT
7100	Table 1	NA	493C2	-1	CCACCAACCCCAACAGGCCGGGACA AATGCAATACCATACAGAAACACAG
7101	Table 1	NA	58G4	-1	GGCCAAACTTTCTTACTCTGCCATTT GTTCAATGTCCTAATGAGCATGAA
7102	Table 3A	Hs.169370	DNA sequence from PAC 66H14 on chromosome 6q21-22. Contains FYN (P59-FYN, SYN, SLK) gene coding for two isoforms. Contains ESTs and STSs /cds=(12,1708)	-1	ATCAATCGGGCCAATCCGAAGTCAGC AATCTTGCATATGAGTCCATTCCC

Table 8

7103	Table 1	NA		598H2		-1	TATTTTAAACAAAATCACACGGGAAGG ATTTCTTCCCGTCCCATGTGTTG
7104	Table 3A	NA	AA077131	1836605	7B08E10 Chromosome 7 Fetal Brain cDNA Library cDNA clone 7B08E10, mRNA sequence	-1	CAGATAGTGGTATTTGGGTGCTGGG CTTGCTGACCTGAGGAGGTGGCTG
7105	Table 3A	NA	AA501725	2236692	ng18e12.s1 NCI_CGAP_Lip2 cDNA clone IMAGE:929806 similar to contains Alu repetitive element, mRNA	-1	AACTCCATAGAGAAAGACTACGAATT TCGCTGGGAGGTAATAGGGAAGCC
7106	Table 3A	NA	AA501934	2236901	nh56a10.s1 NCI_CGAP_Pr8 cDNA clone IMAGE:956346, mRNA sequence	-1	GCATTTAGGAAAGCAGGTGAGTGTG CCACAACACTAACACATCAGCA
7107	Table 3A	NA	AA579400	2357584	nf33d05.s1 NCI_CGAP_Pr1 cDNA clone IMAGE:915561 similar to contains Alu repetitive element;contains	-1	TTACTTTGTCTTCTCTCACCATCCTAA AACGTTGTTTTGCTGAGCATGAA
7108	Table 3A	NA	AF249845	8099620	isolate Siddi 10 hypervariable region I, mitochondrial sequence	-1	CCCCAGACGAAAATACAAATGCATG GAGAGCTCCCGTGAAGTGGTAATA
7109	db mining	Hs.277051	AI630242	4681572	ad07c09.y1 cDNA /clone=ad07c09- (random)	-1	GCCTAAGTTCCAGAAGACTTTGACG ATGGAGAGCATGCAAAGCAGGTAA
7110	db mining	Hs.277052	AI630342	4681672	ad08g11.y1 cDNA /clone=ad08g11- (random)	-1	TTTTGCAGTCAAGGATTGGTGGGAA ACGTTTGTATGTGGGGGGGGG
7111	db mining	NA	AI732228	5053341	nf19e05.x5 NCI_CGAP_Pr1 cDNA clone IMAGE:914240 similar to contains Alu repetitive element, mRNA s	-1	AATAGATTTCCATTTCTTCTTCGAGT TAGTTGGGTATTGGGACCTTGAA
7112	Table 3A	NA	AW379049	6883708	RC3-HT0230-201199-013-c12 HT0230 cDNA, mRNA sequence	-1	CGACGGTGTCTGGAGTTTCGATGAG ACATGTAAGTAAGGTTCTGTGCA
7113	Table 3A	Hs.232000	AW380881	6885540	UI-H-B10p-abh-h-06-0-UI.s1 cDNA, 3' end /clone=IMAGE:2712035 /clone_end=3'	-1	ATATTCAGCAGTGGCTGTAAGATTGG ATTTGAATTACCGGGATACATGCA
7114	Table 3A	Hs.325568	AW384988	6889647	602386081F1 cDNA, 5' end /clone=IMAGE:4514972 /clone_end=5'	-1	ACTGGTTTTCACTTCTAGTGTCCCCCA CCCGTCTAGTTTCATTTCTCTGTA
7115	Table 3A	NA	AW836389	7930363	PM0-LT0030-101299-001-f08 LT0030 cDNA, mRNA sequence	-1	TTGGGAGTCAACAGGTTAAAGCAAAG CCTCAGTCACTGAAAGCAGAAACT
7116	Table 3A	NA	AW837717	7931691	CM2-LT0042-281299-062-e11 LT0042 cDNA, mRNA sequence	-1	TCCTGTGCTCCAGAATTAGTGTATGC TTTTGGTGCCTAACTGAGTGGGA
7117	Table 3A	NA	AW837808	7931782	CM1-LT0042-100300-140-f05 LT0042 cDNA, mRNA sequence	-1	CATCTGCTCTGCTTCCCTCACACACTA GAAACACCACTGCCCCATCCATG
7118	Table 3A	NA	AW842489	7936472	PM4-CN0032-050200-002-c11 CN0032 cDNA, mRNA sequence	-1	TCTGTGATTTATAGACTGTTTTCAGGA AACGATCTTCCATCTGTGGTGA
7119	Table 3A	NA	AW846856	7942373	QV3-CT0195-011099-001-c09 CT0195 cDNA, mRNA sequence	-1	TCATTTCCAGGTCTAATAACACACTAA CCTCGGCAGCAGCTGGAGCGCTCG
7120	Table 3A	NA	AW856490	7952183	PM4-CT0290-271099-001-c04 CT0290 cDNA, mRNA sequence	-1	AGCTTAGGATATCTATTAGTGTCACT GTTCCGGGCAAGAGGCCTAAAGGG
7121	Table 3A	NA	AW891344	8055549	PM2-NT0079-030500-001-a04 NT0079 cDNA, mRNA sequence	-1	TGGGAACACACTGGCCATTATATAG AGAAAAATAAACATGATCCCAT
7122	Table 3A	NA	BE061115	8405765	QV0-BT0041-011199-039-f09 BT0041 cDNA, mRNA sequence	-1	TTGCTTGATTTCCCAACCCTACCT GAAGGTGGCTTATGGCTACAGCT
7123	Table 3A	NA	BE086076	8476469	PM2-BT0672-130400-006-h09 BT0672 cDNA, mRNA sequence	-1	TTCCACCCTCAAGACTGGGGGCA GGTAGAGAAGACAAGCATAAGTACA
7124	Table 3A	NA	BE091932	8482384	IL2-BT0733-130400-068-C11 BT0733 cDNA, mRNA sequence	-1	TTCTTCTGCTGCCCTAAGCAGAAATTG CTTCTCTGCTTCCACACCTCC
7125	Table 3A	Hs.173334	BE160822	8623543	ELL-RELATED RNA POLYMERASE II, ELONGATION FACTOR (ELL2), mRNA /cds=(0,1922)	-1	CAGCACATCTTCTGGTTTACAAGTTG GGTAACATGAAAGCTGGAGATGC
7126	Table 3A	NA	BE163106	8625827	QV3-HT0457-060400-146-h10 HT0457 cDNA, mRNA sequence	-1	TATCTAAATTCACCTTTAGCATCCAA CTAGCTACCGTCTGGCAGCTGGCC
7127	Table 3A	Hs.301497	BE168334	8631159	arginine-tRNA-protein transferase 1-1p (ATE1) mRNA, alternatively spliced product, partial cds /cds=(0,1544)	-1	TCCAATGCTCAAGTCACTCTGAGTCT TTGCTGGTGTCAACCTACAATGCC
7128	Table 3A	Hs.172780	BE176373	8639102	602343016F1 cDNA, 5' end /clone=IMAGE:4453466 /clone_end=5'	-1	ACCTCACTATAGTAGCCATTAGGTAA AGATGGGCCATATCCAATGGCT
7129	Table 3A	NA	BE177661	8656813	RC1-HT0598-020300-011-h02 HT0598 cDNA, mRNA sequence	-1	AAGAACTATTCCTTTGAGAATCTTTCC TACTGGGAGTTACTGCTGTGATT
7130	Table 3A	NA	BE178880	8658032	PM1-HT0609-060300-001-g03 HT0609 cDNA, mRNA sequence	-1	TCTGTGTGAACATACATACAGACTT TGATTCTACCTGTGCCTGACCATT
7131	Table 3A	NA	BE247056	9098807	TCBAP1D6404 Pediatric pre-B cell acute lymphoblastic leukemia Baylor- HGSC project=TCBA cDNA clone T mRNA; cDNA DKFZp434C0118 (from clone DKFZp434C0118); partial cds /cds=(0,1644)	-1	GTGGAGCTGTGGCCCTTGCTGGATG CGGGCACTCTACACCTTCAGGTA
7132	Table 3A	Hs.11050	BE763412	10193336	RC3-BT0333-310800-115-f11 BT0333 cDNA, mRNA sequence	-1	TGTCAGTGGCTCTCACTTTGTTTGA ATTGTTGCTTTGGGAAAAACACAG
7133	Table 3A	NA	BF330908	11301656	RC3-BT0333-310800-115-f11 BT0333 cDNA, mRNA sequence	-1	GATGCAGTGGGTTAGGGGTTGGGGG TACAGACTGACTTGAGCTCGGAGTC
7134	Table 3A	NA	BF357523	11316597	CM2-HT0945-150900-379-g06 HT0945 cDNA, mRNA sequence	-1	TCAGGCACCTCAGTAAAGGCAAGACTT GAGTGATACATAAAGTCAGTTACA
7135	Table 3A	NA	BF364413	11326438	RC8-NN1068-070600-011-B01 NN1068 cDNA, mRNA sequence	-1	CCTTGGGCTGAGTTTGTGGTCTGTA AGATTACAGTTTTGTTAGAGAGA

Table 8

7136	Table 3A	NA	BF373638	11335683	MR0-FT0176-040900-202-g09 FT0176 cDNA, mRNA sequence	-1	ACAGCAAACAAGTGTTCGAATCCTC TATTAACCCATTAAACCAAGATT
7137	Table 3A	NA	BF740663	12067339	QV1-HB0031-071200-562-h04 HB0031 cDNA, mRNA sequence	-1	AGTGCATTACACTGATGATAAACGA TAGTAGCTTCACAGGTTTGCTTCT
7138	Table 3A	NA	BF749089	12075765	MR2-BN0386-051000-014-b04 BN0386 cDNA, mRNA sequence	-1	AAGTGTGATTAGAAAGCAGCTGGAAGT AGCAGAGGAGGTGGAAGTTAGTCC
7139	Table 3A	NA	BF758480	12106380	MR4-CT0539-141100-003-d05 CT0539 cDNA, mRNA sequence	-1	CAGGAGTAAACAGAGCTGGTTGTGT GATACCTATGCTGGTGAAGACT
7140	Table 3A	NA	BF773126	12121026	CM3-IT0048-151200-568-f08 IT0048 cDNA, mRNA sequence	-1	GGTGACTATCTTACCGGCTCCAGTA AACTCTGAACAATGTACCAGCTAA
7141	Table 3A	NA	BF773393	12121293	CM2-IT0039-191200-638-h02 IT0039 cDNA, mRNA sequence	-1	GCTTGAAGATGTCTTCAACAGAAATC ACCGACATGAGGAAGCATCACGCT
7142	Table 3A	NA	BF805164	12134153	QV1-CI0173-061100-456-f03 CI0173 cDNA, mRNA sequence	-1	AGGAACATGGCTGACGATATAAAAA GAATTGAATCCACTATTTTGTAAAC
7143	Table 3A	NA	BF818594	12156027	MR3-CI0184-201200-009-a04 CI0184 cDNA, mRNA sequence	-1	GGTGCTGCCATAGGTGCCAGTAATG ACCGTTTATGCGGAAATCAATTACA
7144	Table 3A	NA	BF827734	12171909	RC6-HN0025-041200-022-F08 HN0025 cDNA, mRNA sequence	-1	TGAAGTACTATAGGACTCAATGGGAC CAGTAGCAGCTCCAAGTGGATCAA
7145	Table 3A	NA	BF845167	12201450	RC5-HT1035-271200-012-F08 HT1035 cDNA, mRNA sequence	-1	ACACGGGACCTCCTTGTATCTTCTG AGAATTAATAGAGATTCATGGCA
7146	Table 3A	NA	BF869167	12259297	IL5-ET0119-181000-181-b11 ET0119 cDNA, mRNA sequence	-1	CCAAAAGGAGAAAGATGACTAGGGT CACACTTGAGGATTTGCCAGTGGG
7147	Table 3A	NA	BF875575	12265705	QV3-ET0100-111100-391-c02 ET0100 cDNA, mRNA sequence	-1	GCATCTCTTTGAAGACGGGAAGTGT ACTTCAGGTTCTTTCTGTTTACG
7148	Table 3A	NA	BF877979	12268109	MR0-ET0109-171100-001-b02 ET0109 cDNA, mRNA sequence	-1	GGCTCATTTGGTTTAAAGTCTTCTCT ATGCCATCCAGGGGAGGAGGAT
7149	Table 3A	NA	BF897042	12288501	IL2-MT0179-271100-254-C11 MT0179 cDNA, mRNA sequence	-1	GACTGTGGACACCTCTCACTGTGTCT TCTTGGCAGGCAGAGCTTACTGAC
7150	Table 3A	NA	BF898285	12289744	QV1-MT0229-281100-508-e11 MT0229 cDNA, mRNA sequence	-1	GCAGGGTGCAGAGCTTACAGCAGG TAGGAAGAAGTAACTAAGTGGAAAC
7151	Table 3A	NA	BF899464	12290923	IL5-MT0211-011200-317-f03 MT0211 cDNA, mRNA sequence	-1	CAGCTAAAGCCGTAGGTCAATGTGAC TGTCCCTGGGATGTGGATTACTCT
7152	Table 3A	NA	BF904425	12295884	CM1-MT0245-211200-662-d02 MT0245 cDNA, mRNA sequence	-1	CCAGAATGCAGCTTACAGCAAAATA TCAATGGACTTGGTGTAGCCCTGC
7153	Table 3A	NA	BF906114	12297573	IL3-MT0267-281200-425-A05 MT0267 cDNA, mRNA sequence	-1	TTTAAACCAGGCTCGGAAAAGGAG GAGAGGAGGGCATTTAGAGAAGA
7154	Table 3A	NA	BF926187	12323197	CM2-NT0193-301100-562-c07 NT0193 cDNA, mRNA sequence	-1	GTGGCTTCGTAATAAGAGAGCAGT CACTGTGGAATACCAATGGGCA
7155	Table 3A	NA	BF928644	12326772	QV3-NT0216-081200-517-g03 NT0216 cDNA, mRNA sequence	-1	CACACCACAGCTGGCTGGGAGCAGA GGCTGCTGGTCTCATAGTAATCTAC
7156	Table 3A	NA	BG006820	12450386	RC4-GN0227-271100-011-d03 GN0227 cDNA, mRNA sequence	-1	TGGAGAAAATGAGAGACAGACAGTG AGTGAGAAAGTCAGCGAAAAGGAAA
7157	Table 3A	NA	F11941	706260	HSC33F051 normalized infant brain cDNA cDNA clone c-33f05, mRNA sequence	-1	ACCTACTGTTGAGATTATCCCTGT CTCCCACTGCCAGAACTTACCA
7158	Table 3A	NA	U46388	1236904	HSU46388 Human pancreatic cancer cell line Patu 89881 cDNA clone xs425, mRNA sequence	-1	CCAAATGATACTAGGATTAAGCCCCA AAGCAAAGTCAAGCACCCATGG
7159	Table 3A	NA	U75805	1938265	HSU75805 Human cDNA clone f46, mRNA sequence	-1	TCCCAGAGCAACAATAAGTCTCAAC TAATGGACAAACCAACCCACTGA
7160	Table 3A	NA	W27656	1307658	36f10 Human retina cDNA randomly primed sublibrary cDNA, mRNA sequence	-1	CCACAGAATGGGCATGTAGTATTGAG ATTTGAATCATCTGCTGCCAGCC
7161	db mining	Hs.661	NM_004146	10764848	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 7 (18kD, B18) (NDUFB7), mRNA /cds=(22,435)	1	ACCTCATCCGGCTGCTCAAGTGCAAG CGTGACAGCTTCCCACCTTCCTG
7162	db mining	Hs.943	NM_004221	4758811	natural killer cell transcript 4 (NK4), mRNA /cds=(59,763)	1	GACCTGGTGTCTGCGCCCTGGCATC TTAATAAAACCTGCTTATACTTCCC
7163	db mining	Hs.1063	NM_003093	4507126	small nuclear ribonucleoprotein polypeptide C (SNRPC), mRNA /cds=(15,494)	1	GCATAAGGAAGACTTGCCTCCCTGTC CTATGAAAGAGAATGTTTTGGAG
7164	db mining	Hs.1321	NM_000505	9961354	coagulation factor XII (Hageman factor) (F12), mRNA /cds=(49,1898)	1	GGGACTCATCTTCCCTCCTTGGTGA TTCCGCAGTGAGAGAGTGGCTGGG
7165	db mining	Hs.288856	NM_003903	14110370	prefoldin 5 (PFDN5), mRNA /cds=(423,928)	1	AGACTGGATCGCACACCTTTGCAACA GATGTGTTCTGATTTCTCTGAACCT
7166	db mining	Hs.1975	NM_030794	13540575	hypothetical protein FLJ21007 (FLJ21007), mRNA /cds=(257,2212)	1	AAGCAAATACCTTTTACAAGTGAAG GAAGAATTTTCTTCTGCCGCTCAA
7167	db mining	Hs.3804	NM_014045	13027587	DKFZP564C1940 protein (DKFZP564C1940), mRNA /cds=(565,1260)	1	GCAACAAATGCTCTTATCCATAGCT ACGGCATTGCTCAGTAAGTTGAGG
7168	db mining	Hs.3832	NM_032493	14210503	clathrin-associated protein AP47 (AP47), mRNA /cds=(76,1347)	1	TCCGTGTAGAGGTTACAGCCTTTTAT GCTGTTGAGCTCCAGGTACGAAA
7169	db mining	Hs.4113	NM_006821	5729723	S-adenosylhomocysteine hydrolase-like 1 (AHCYL1), mRNA /cds=(47,1549)	1	GCCCCTTGGATTTATAGTATAGCCC TTCCCTCGACTCCACAGACTTGC
7170	db mining	Hs.83848	NM_000991	13904865	triosephosphate isomerase 1 (TPI1), mRNA /cds=(34,783)	1	AAGAGCTCCTGAGCCCCCTGCCCC AGAGCAATAAAGTCAGCTGGCTTTC
7171	db mining	Hs.5076	AK025781	10438401	cDNA: FLJ22128 fis, clone HEP19543 /cds=UNKNOWN	1	GCTCAACATGAAAAGAGGTACAGAA AGTGATGTGTTCAAAACATTAGCA

Table 8

7172	db mining	Hs.5298	NM_015999	7705760	CGI-45 protein (LOC51094), mRNA /cds=(182,1294)	1	TTATATACCCTGGTCCCCTCTTTCTAG GGCCTGGATCGCTTATAGAGCA
7173	db mining	Hs.5473	AW953785	8143468	602659796F1 cDNA, 5' end /clone=IMAGE:4802950 /clone_end=5'	1	GTTTACTCCGTCCTATCACTGGTGT GGCTGTGGGCAACCACCTATTTC
7174	db mining	Hs.5831	NM_003254	4507508	tissue inhibitor of metalloproteinase 1 (erythroid potentiating activity, collagenase inhibitor) (TIMP1), mRNA /cds=(62,685)	1	GAACTGAAGCCTGCACAGTGTCCAC CCTGTTCCCACTCCCCTCTTTCTTC
7175	db mining	Hs.5890	BF698885	11984293	hypothetical protein FLJ23306 (FLJ23306), mRNA /cds=(562,930)	1	GAAGACCAAGAGAGACAACAGACGC AGCAAACAGCCGAAGCACCAGACAA
7176	db mining	Hs.6211	NM_015846	7710138	methyl-CpG binding domain protein 1 (MBD1), transcript variant 1, mRNA /cds=(139,1956)	1	AATTCAGAAAATTGTTGGGAGGACAG CCCCTTTGTGAACCTGTTTGGGG
7177	db mining	Hs.6285	AL080220	5262711	mRNA; cDNA DKFZp586P0123 (from clone DKFZp586P0123); partial cds /cds=(0,1087)	1	TTTACCCAGCTCTGAAGGTCAATTGTT CTTGCCCTGTGTTTGAATAAAATCA
7178	db mining	Hs.6441	AL110197	5817115	mRNA; cDNA DKFZp586J021 (from clone DKFZp586J021) /cds=UNKNOWN	1	GTCTCTGATGCTTTGTATCATTCTTGA GCAATCGCTCGGTCCGTGGACAA
7179	db mining	Hs.6459	NM_024531	13375681	hypothetical protein FLJ11856 (FLJ11856), mRNA /cds=(239,1576)	1	GGTAAGCCCTGAGCCTGGGACCTA CATGTGGTTTGGCTAATAAACATT
7180	db mining	Hs.6616	AL524742	12788235	AL524742 cDNA /clone=CSODC008Y107-(5-prime)	1	TCTGGCTCGACCGGTTGATGGCCCTT GAGCGAATGAAATCATGAAATTGA
7181	db mining	Hs.6650	NM_007259	6005775	vacuolar protein sorting 45B (yeast homolog) (VPS45B), mRNA /cds=(33,1745)	1	TGCCCTACATGACAAATTTCTGTGGC ACTGAGAAACCATGATGACCACA
7182	db mining	Hs.6763	NM_015310	7662395	KIAA0942 protein (KIAA0942), mRNA /cds=(52,1658)	1	GCAGTGTACTGTGTGCAATCCAAGG GCATAGCTCCCTGTAATTTGGGAA
7183	db mining	Hs.6780	NM_007284	6005845	protein tyrosine kinase 9-like (A8-related protein) (PTK9L), mRNA /cds=(104,1153)	1	CTGAGACTAGGCTCCAGCACAGCC CAGAAACCTTTGGCCACAAGAAGTG
7184	db mining	Hs.6817	NM_025200	13376793	putative oncogene protein hlc14-06-p (HLC14-06-P), mRNA /cds=(51,635)	1	TGCCTTCCATGGTTTTAAATGCAG TAAATAACATTTCTGGATGAGACT
7185	db mining	Hs.7709	U79457	4205083	Homo sapiens, Similar to WW domain binding protein 1, clone MGC:15305 IMAGE:4309279, mRNA, complete cds /cds=(162,971)	1	GCTTTACCCCGCAGGACATACACAG GAGCCTTTGATCTCATTAAAGAGA
7186	db mining	Hs.7740	AF286741	14209837	oxysterol binding protein 2 (OSBP2) mRNA, complete cds /cds=(112,2748)	1	GGAATGTACTCTCCCAACACTGTT TTGTTAGCGAGCACCTTTTGACCA
7187	db mining	Hs.8108	NM_021080	10835268	disabled (Drosophila) homolog 1 (DAB1), mRNA /cds=(765,2426)	1	ACTCGCTCAGAAGAGGGAACCTAAGC ATTTTTGGCAACCAATGGGCAGATA
7188	db mining	Hs.8109	NM_022743	12232400	hypothetical protein FLJ21080 (FLJ21080), mRNA /cds=(127,1236)	1	AGCTGTGTGAACCTCTCTTATGGAA ATTCTGTTCCGTGTTTGTGTAGGT
7189	db mining	Hs.8207	NM_020198	9910241	GK001 protein (GK001), mRNA /cds=(184,1635)	1	AGTCCCATACATTTGGACCATGGCAG CTAATTTTGTAACTTAAGCAATTTCA
7190	db mining	Hs.226627	BC007375	13938462	leptin receptor short form (db) mRNA, complete cds /cds=(0,2690)	1	CTGCCCTTCTCTGGACTTCTGTGCCT TACTGAGTCTCTAAGACTTTTTCT
7191	db mining	Hs.8768	NM_018243	8922711	hypothetical protein FLJ10849 (FLJ10849), mRNA /cds=(93,1382)	1	GGATAACATTTCTCATGAACCCACTG CCCCTCTGCATTTTCTCACTGGT
7192	db mining	Hs.8834	NM_006315	5454011	ring finger protein 3 (RNF3), mRNA /cds=(114,857)	1	CGCTTAAGAACATTTGCCTCTGGGTG TATGTGGACAGCAGTCTGAATAG
7193	db mining	Hs.9683	NM_006260	5453979	protein-kinase, interferon-inducible double stranded RNA dependent inhibitor (PRKRI), mRNA /cds=(690,2204)	1	GGGTTCAATCCCTTCAGCTCAGGCG GACCATTTAGATTTAAATTCACCTT
7194	db mining	Hs.9825	NM_016062	7706342	CGI-128 protein (LOC51647), mRNA /cds=(35,526)	1	GCTCCTGCCAGGGCTGTACCCTTGT TTTCTTGAATCACTCACAATGAGA
7195	db mining	Hs.10590	AL031685	9368423	DNA sequence from clone RP5-963K23 on chromosome 20q13.11-13.2 Contains a KRT18 (Keratin type I, Cytoskeletal 18 (Cytokeratin 18, CK18,CYK18)) pseudogene, a gene for a novel protein, the gene for spermatogenesis associated protein PD1 (KIAA0757) and the 3' end of the gene for KIAA0939 (novel Sodium/hydrogen exchanger family member). Contains ESTs, STSs, GSSs and four putative CpG islands /cds=(2,688)	1	AATCTGGCGAAACCTTCGTTTGAGGG ACTGATGTGAGTGTATGTCCACCT
7196	db mining	Hs.11465	NM_004832	4758483	glutathione-S-transferase like; glutathione transferase omega (GSTTlp28), mRNA /cds=(8,734)	1	GACTATGGGCTCTGAAGGGGGCAGG AGTCAGCAATAAAGCTATGCTGTAT
7197	db mining	Hs.11538	NM_005720	5031600	actin related protein 2/3 complex, subunit 1A (41 kD) (ARPC1B), mRNA /cds=(80,1198)	1	AGGGAGGGGACAGATGGGGAGCTTT TCTTACCTATTCAAGGAATACGTGC

Table 8

7198	db mining	Hs.12707	AK023168	10434970	cDNA FLJ13106 fis, clone NT2RP3002455, highly similar to mRNA for KIAA0678 protein /cds=UNKNOWN	1	ACCTTCTGAAAGCTCACAGTACACAT TAGTATGTATAACTGGCTTTACCA
7199	db mining	Hs.12785	AL031685	9368423	DNA sequence from clone RP5-963K23 on chromosome 20q13.11-13.2 Contains a KRT18 (Keratin type I, Cytoskeletal 18 (Cytokeratin 18, CK18,CYK18)) pseudogene, a gene for a novel protein, the gene for spermatogenesis associated protein PD1 (KIAA0757) and the 3' end of the gene for KIAA0939 (novel Sodium/hydrogen exchanger family member). Contains ESTs, STSs, GSSs and four putative CpG islands /cds=(0,1313)	1	TTTAAGGGAGTCAGGAATAGATGTAT GAACAGTCGTGCTACTGGATGCCT
7200	db mining	Hs.13323	NM_022752	12232416	hypothetical protein FLJ22059 (FLJ22059), mRNA /cds=(783,1967)	1	CCCACCTTCCACCTCTTAGCACTGGT GACCCCAAATGAAACCATCAAT
7201	db mining	Hs.13659	AL080209	5262698	Hypothetical protein DKFZp586F2423	1	AGACCAGCAGTGTAAATCTAAATA CGTTGTGAGTCTGTTATCTGCTCT
7202	db mining	Hs.14089	NM_013379	7019510	dipeptidyl peptidase 7 (DPP7), mRNA /cds=(0,1478)	1	ACCTCGACCTCAGAGCCTCCACCC AGAAGATCCTGCTCCGTTGGTGAG
7203	db mining	Hs.16488	NM_004343	5921996	calreticulin (CALR), mRNA /cds=(68,1321)	1	GGCCAGTGGGTCAGAGATGGCTCA CACTGAGAATGTAAGAACTACAAAC
7204	db mining	Hs.16580	NM_018303	8922829	hypothetical protein FLJ11026 (FLJ11026), mRNA /cds=(31,2355)	1	TGGCCTTAAGTTTCTAATTCAAGCG GGTTTTGGAAAATTTATGGTCT
7205	db mining	Hs.109438	AB028950	5689390	clone 24775 mRNA sequence /cds=UNKNOWN	1	TGCAGAGTTAAGCCCCAACAGGT CATGCTCCAATAAAAAATGATTCTA
7206	db mining	Hs.18586	NM_014826	7662135	KIAA0451 gene product (KIAA0451), mRNA /cds=(1482,2219)	1	CCAAACAATGATGGATTCTTTTGC ACAGAAATATTAAGTGGGATGG
7207	db mining	Hs.19575	NM_015941	7706261	CGI-11 protein (LOC51608), mRNA /cds=(233,1684)	1	ACAAAAGTCAACTGTGTCTCTTTCA AACCAAATGGGAGAATTGTTC
7208	db mining	Hs.20529	AK025464	10437985	cDNA: FLJ21811 fis, clone HEP01037 /cds=UNKNOWN	1	GCTGGGGACTCTAGCCTCTGTGTTCA TAAAGACATTAAAGAGTGGATGGA
7209	db mining	Hs.20725	NM_020963	14211539	Mov10 (Moloney leukemia virus 10, mouse) homolog (MOV10), mRNA /cds=(70,3081)	1	GGAGAATGACACATCAAGCTGCTAAC AATTGGGGGAAGGGGAAGGAAGAA
7210	db mining	Hs.343590	AB011104	3043587	601471579F1 cDNA, 5' end /clone=IMAGE:3874747 /clone_end=5'	1	ACCTGGGTTAATACAGCTCACATCA CTGAATGTTACACATGAGTTTAAA
7211	db mining	Hs.23449	NM_018842	10047119	insulin receptor tyrosine kinase substrate (LOC55971), mRNA /cds=(333,1553)	1	CTTAAGGACGCCCTTGGCTGGCCCT TTATTACAGCCCAACACGGTAGGC
7212	db mining	Hs.23990	NM_017838	8923443	nucleolar protein family A, member 2 (H/ACA small nucleolar RNPs) (NOLA2), mRNA /cds=(86,547)	1	TCCATCAGTGCCATTTCTGTAGAAC TAAAGGCTGTTCCAAGATGTGGG
7213	db mining	Hs.24024	NM_015376	7662333	KIAA0846 protein (KIAA0846), mRNA /cds=(272,2341)	1	ATCTGTAAGCACTCAGAAGGCAGCC ATCCCTAGATGTTGGTTTCATGTA
7214	db mining	Hs.334842	BC008330	14249901	tubulin, alpha, ubiquitous (K-ALPHA-1), mRNA /cds=(67,1422)	1	TGGTTAGATGTTTCACTTGGTGAT CATGTCTTTCCATGTGTACTGCT
7215	db mining	Hs.24641	AK022982	10434687	cDNA FLJ12920 fis, clone NT2RP2004594 /cds=(96,2144)	1	CATGTCCCTTGAACATGATAGTTAC ATACACAGTTTCTCTCCACACAT
7216	db mining	Hs.321105	NM_015462	7661683	cDNA: FLJ21737 fis, clone COLF3396 /cds=UNKNOWN	1	AGGTTTCACATGAACCTGTTCTAGGC TGTGGACATTGGTGTGGAGAGGTT
7217	db mining	Hs.26802	NM_021158	11056039	protein kinase domains containing protein similar to phosphoprotein C8FW (LOC57761), mRNA /cds=(294,1370)	1	GACACTGGGGTCCACAATCCCAGG TCCATACTCTAGTGTTTGGATACCA
7218	db mining	Hs.26892	NM_018456	8922098	uncharacterized bone marrow protein BM040 (BM040), mRNA /cds=(357,749)	1	AGAAATGATTGCAGCTGAGTGAATC AGGAAGTGACAGTGACTGAAG
7219	db mining	Hs.27076	NM_003729	4506588	RNA 3'-terminal phosphate cyclase (RPC), mRNA /cds=(170,1270)	1	TCCTGAGAGATGGACAATGAAATATC AGTTGGTGGATATGTGTGATAGCT
7220	db mining	Hs.27445	NM_016209	7706428	unknown (LOC51693), mRNA /cds=(58,480)	1	CTTTCAGGGCAGGCAGCTGTGCATG TTCTCTCAACTAAAGGTTCTGTGAG
7221	db mining	Hs.27633	NM_015456	7661663	DKFZP586B0519 protein (DKFZP586B0519), mRNA /cds=(75,1189)	1	GCTGGACACACGGTGAGATTTTCTCG TATGTAATAAAAGGCAATTTGGT
7222	db mining	Hs.28310	BG260891	12770707	602372491F1 cDNA, 5' end /clone=IMAGE:4480510 /clone_end=5'	1	CTCAACGAAAGGCTCACACTAACAGG GGAGGATTACAGCACCAACTACT
7223	db mining	Hs.28914	NM_000485	4502170	adenine phosphoribosyltransferase (APRT), mRNA /cds=(71,813)	1	CCACACTGAACCCAATTACACACAGC GGAGAACGCAGTAAACAGCTTTTC
7224	db mining	Hs.29893	AL133426	6562628	mRNA full length insert cDNA clone EUROIMAGE 146397 /cds=UNKNOWN	1	AGGCCCTGGAAAAATTTGTGCTTCCA ACGTGGCCTTCAATCTTGTCTTTT
7225	db mining	Hs.30120	BF970066	12337281	602272333F1 cDNA, 5' end /clone=IMAGE:4360233 /clone_end=5'	1	TATTAAGCTTGCCAGGCTCCTGTTC ATGAAGTTCCCCAGCGGTGGCC

Table 8

7226	db mining	Hs.30250	AF055376	3335147	short form transcription factor C-MAF (c-maf) mRNA, complete cds /cds=(807,1928)	1	GCTATACCACTGACTGTATTGAAAAC CAAAGTATTAAGAGGGGAAAACGCC
7227	db mining	Hs.30443	AL136599	13276698	mRNA; cDNA DKFZp584G1816 (from clone DKFZp564G1816); complete cds /cds=(137,3091)	1	TCGGGGTCAGTTAAGCCTCAGTATTC TTAGCTTTTGTGATTTTGCCACT
7228	db mining	Hs.31137	NM_006504	5729992	protein tyrosine phosphatase, receptor type, E (PTPRE), mRNA /cds=(51,2153)	1	ATGGTGCAAACCCCTGGAACAGTATGA ATTCTGCTACAAAGTGGTACAAGA
7229	db mining	Hs.34114	NM_000702	4502270	ATPase, Na ⁺ /K ⁺ transporting, alpha 2 (+) polypeptide (ATP1A2), mRNA /cds=(104,3166)	1	AGAAGCAGCGAGTGCATGGGCTAAT TATCATCAATCTTTATGTATTTGTT
7230	db mining	Hs.35254	NM_020119	9910221	hypothetical protein FLB6421 (FLB6421), mRNA /cds=(310,792)	1	GGAATGTTGCTGTGGGGATTTCATT GTAACCTCCTTGTGAACGTCTCA
7231	db mining	Hs.38735	BG149337	12661367	nad26g06.x1 cDNA, 3' end /clone=IMAGE:3366730 /clone_end=3'	1	ATGCCAAATTCCTGACACCTGGCGTT TGAAAATACCATGGAACGTTCCA
7232	db mining	Hs.41322	AI655467	4739446	tt13b01.x1 cDNA, 3' end /clone=IMAGE:2240617 /clone_end=3'	1	ACATTCTGACTCCATCTCGGCCCTCA TTAAGGTGATAGAAACATACTAGG
7233	db mining	Hs.42346	AY013295	11693027	calcineurin-binding protein calsarcin-1 mRNA, complete cds /cds=(131,925)	1	ATGATAATGTTGGCATCTGTGATAAA CTATCAATGAGGCTCCCATCATGC
7234	db mining	Hs.42699	AW956580	8146278	EST388665 cDNA	1	AGAGTCACATGTAGAAAAGCCTCCAG TATTAAGCTCCTGAATTCATTCT
7235	db mining	Hs.44131	AB023191	4589591	mRNA for KIAA0974 protein, partial cds /cds=(0,1697)	1	ATGGCAACAATGCTGACAGCAAGCA GTAGATCCTCTGATTCACAAATACCA
7236	db mining	Hs.44441	BE295812	9179366	601176827F1 cDNA, 5' end /clone=IMAGE:3532039 /clone_end=5'	1	GGGAACCCCTCAATTAAGTACACAGAA CACCAAGGCTATGACCACAGCAGC
7237	db mining	Hs.46919	AY007155	9956067	clone CDABP0095 mRNA sequence /cds=UNKNOWN	1	GGCTCACCAGAGTACCCAGAAGAAT CAGTATGGAATTAGAGGACAGTGGC
7238	db mining	Hs.56009	NM_006187	5453823	2'-5'-oligoadenylate synthetase 3 (100 kD) (OAS3), mRNA /cds=(34,3297)	1	ATCCAGGCCCTCAGCTTTTGCCAAT GGCCACCCTGGTGTGGCATATTG
7239	db mining	Hs.57843	V63785	1371386	zd30g09.s1 cDNA, 3' end /clone=IMAGE:342208 /clone_end=3'	1	GCATACATAAAGGCAAAGAATGACAA AAGGCTTAATCCACCTAGAAGACA
7240	db mining	Hs.58373	BF339748	11286202	602034942F1 cDNA, 5' end /clone=IMAGE:4182851 /clone_end=5'	1	ATATAGTGGGAGACAAAACACAGGAG GCGGGGGATATCATGTAGCAGAGC
7241	db mining	Hs.59236	NM_032139	14149802	hypothetical protein DKFZp434L0718 (DKFZP434L0718), mRNA /cds=(133,3285)	1	TCTAATGTGCCTTGGATATGTGCCAA ATGATGAAAAAGAAACAGTAACT
7242	db mining	Hs.62408	NM_024660	13375912	hypothetical protein FLJ22573 (FLJ22573), mRNA /cds=(99,1166)	1	GCTTGGCTCATCTGGGGTTTGCTGG GCTTAACACCCCAATAAAGAACCTTG
7243	db mining	Hs.63042	NM_018457	8922156	DKFZp564J157 protein (DKFZP564J157), mRNA /cds=(77,523)	1	CTGCGGTTTTGGAACCTTACCTCTCC TCCTTAGCCCAATATGCTGTCTTG
7244	db mining	Hs.65648	NM_005105	4826971	RNA binding motif protein 8A (RBM8A), mRNA /cds=(12,536)	1	TCCAGGCCATTTTGCAGGGACTCTGA AGTGACCTTTAGTAGTAATAGTCT
7245	db mining	Hs.339868	NM_003974	4503358	oh47h10.s1 cDNA, 3' end /clone=IMAGE:1469827 /clone_end=3'	1	TGGCAGCCAGGAAGTAGTATGACA ATGTTGTACTAAGAAAGGATCCAAA
7246	db mining	Hs.75056	NM_003938	4501976	adaptor-related protein complex 3, delta 1 subunit (AP3D1), mRNA /cds=(209,3547)	1	AGAGAGAGACATATCACGCTGCTGTC ATGATTTTGTGTCAAGATGATCCA
7247	db mining	Hs.75082	NM_001665	4502218	ras homolog gene family, member G (rho G) (ARHG), mRNA /cds=(129,704)	1	CTTCTGGGACCTTTCCTACCCCCAT CAGCATCAATAAAACCTCCTGTCT
7248	db mining	Hs.75309	NM_001961	4503482	eukaryotic translation elongation factor 2 (EEF2), mRNA /cds=(0,2576)	1	TAGATGATTTCTAGCAGGCAGGAAGT CCTGTGCGGTGTCAACATGAGCAC
7249	db mining	Hs.75725	NM_003564	4507356	transgelin 2 (TAGLN2), mRNA /cds=(73,672)	1	CCATGGTCTGGGGCTTGAGGAAGAT GAGTTTGTGATTTAAATAAAGAAT
7250	db mining	Hs.75770	NM_000321	4506434	retinoblastoma 1 (including osteosarcoma) (RB1), mRNA /cds=(138,2924)	1	AGGTCAAGGGCTTACTATTCTGGGT CTTTTGCTACTAAGTTCACATTAG
7251	db mining	Hs.75790	NM_002642	4505794	phosphatidylinositol glycan, class C (PIGC), mRNA /cds=(293,1186)	1	TTTCTGGGGACCTCTTGAATTACATG CTGTAACATATGAAGTGTGTGGT
7252	db mining	Hs.76057	NM_000403	9945333	galactose-4-epimerase, UDP- (GALE), mRNA /cds=(76,1122)	1	TGGCACAAAACCTCCTCCTCCAGGC ACTCATTATATTGCTCTGAAAGA
7253	db mining	Hs.76682	NM_032327	14150105	hypothetical protein MGC2993 (MGC2993), mRNA /cds=(158,1048)	1	TGAGGTCACTGCCACTTCTCATATGC TGCTTAAGGGAGCACAAATAAAGG
7254	db mining	Hs.77268	NM_002826	13325074	quiescin Q6 (QSCN6), mRNA /cds=(75,2318)	1	CACGCTACCCCTGCCTTGGGAGGT GTGTGGAATAAATATTTTGTAA
7255	db mining	Hs.77290	NM_006755	5803186	transaldolase 1 (TALDO1), mRNA /cds=(50,1063)	1	AATGCAGAGAATGAAAGTAGCCGCAT CCCTGAGGCTGGACTCCAGATCTG
7256	db mining	Hs.77805	NM_001696	4502316	ATPase, H ⁺ transporting, lysosomal (vacuolar proton pump) 31kD (ATP6E), mRNA /cds=(75,755)	1	GTGGCACACCACTCCTCCAGCAGTA GTCGCTTACTGTTACCTGTTTAG
7257	db mining	Hs.78592	NM_001414	4503502	eukaryotic translation initiation factor 2B, subunit 1 (alpha, 26kD) (EIF2B1), mRNA /cds=(10,927)	1	AGCAACAGTATTCGCATGGTTCACT GCTTAAGAAAATGCCCTCTGGAAT

Table 8

7258	db mining	Hs.78605	BC006159	13544048	Homo sapiens, clone IMAGE:3635549, mRNA, partial cds /cds=(0,891)	1	AAACATGTCCTGGAGAGTAGCCTGC TCCCACACTGCTACTGGATGTCAT
7259	db mining	Hs.78890	AF171938	5852969	NUMB isoform 1 (NUMB) mRNA, complete cds /cds=(270,2225)	1	CAGTTGCAGCCTCTTGACCTCGGATA ACAATAAGAGAGCTCATCTCATTT
7260	db mining	Hs.79150	NM_006430	5453604	chaperonin containing TCP1, subunit 4 (delta) (CCT4), mRNA /cds=(0,1619)	1	TGGGCTTGGTCTCCAGTTGGCATT GCCTGAAGTTGTATTGAAACAATT
7261	db mining	Hs.79259	NM_016404	7705476	hypothetical protein (HSPC152), mRNA /cds=(35,412)	1	TTCTGCCGTGTGTATCCCCAACCCCT GACCCAATGACACCAAAACACAGTG
7262	db mining	Hs.79356	NM_006762	5803055	Lysosomal-associated multispinning membrane protein-5 (LAPTM5), mRNA /cds=(75,863)	1	TGTGTGCGACAGGGAGGAAGTTTCA ATAAAGCAACAACAAGCTTCAAGGA
7263	db mining	Hs.79572	NM_001909	4503142	cathepsin D (lysosomal aspartyl protease) (CTSD), mRNA /cds=(2,1240)	1	CTCCCCTTGGGGGGCTGAGAGCCCC AGCTGACATGAAATACAGTTGTTG
7264	db mining	Hs.81337	NM_009587	6806889	lectin, galactoside-binding, soluble, 9 (galectin 9) (LGALS9), transcript variant long, mRNA /cds=(56,1123)	1	CTCCACCACCTGACCAGAGTGTCTC TTCAGAGGACTGGCTCCTTTCCCA
7265	db mining	Hs.82030	NM_004184	7710155	tryptophanyl-tRNA synthetase (WARS), mRNA /cds=(187,1602)	1	CTCTGCCCTCCTGTACCCAGTAGAG TAAATAAACTTCCCTGGCTCCTAA
7266	db mining	Hs.82396	NM_016816	8051620	2',5'-oligoadenylate synthetase 1 (40-46 kD) (OAS1), transcript variant E18, mRNA /cds=(33,1235)	1	AAATTCCAGCCTTGACTTCTCTGT GCACCTGATGGGAGGTAATGTCT
7267	db mining	Hs.82933	BC008739	14250568	Homo sapiens, protein x 013, clone MGC:3073 IMAGE:3346340, mRNA, complete cds /cds=(101,325)	1	CTGTAGGCCAGGGTGAATGAAGTC AGCTCCTTTTATAGTTGAAATACA
7268	db mining	Hs.83753	NM_003091	4507124	small nuclear ribonucleoprotein polypeptides B and B1 (SNRPB), mRNA /cds=(0,695)	1	TTGGCGGGCCATCCCAACAGGTGAT GACCCACAAGGAAGAGGTAAGTGT
7269	db mining	Hs.85838	NM_004207	4759111	solute carrier family 16 (monocarboxylic acid transporters), member 3 (SLC16A3), mRNA /cds=(62,1459)	1	GGAAGATGAAATAAACCTGCGTGTG GGTGGAGTGTCTCGTGCCGAATT
7270	db mining	Hs.306565	NM_013341	9558756	clone HQ0688 /cds=UNKNOWN	1	AGTGAGGACAATGTGGCTTGCTCCT TTTGAATCTACAGATAATGCATGT
7271	db mining	Hs.89497	NM_005573	5031876	lamin B1 (LMNB1), mRNA	1	GAGGGTGGGGGAGGGAGGTGGAGG GAGGGAAGGGTTTCTCTATAAAATG
7272	db mining	Hs.89525	NM_004494	4758515	hepatoma-derived growth factor (high-mobility group protein 1-like) (HDGF), mRNA /cds=(315,1037)	1	TGCTGACTGTAGCTTTGGAAGTTTAG CTCTGAGAACCGTAGATGATTTCA
7273	db mining	Hs.92208	NM_003815	11497001	a disintegrin and metalloproteinase domain 15 (metargidin) (ADAM15), mRNA /cds=(7,2451)	1	GATTGAGGAAGGTCCGCACAGCCTG TCTCTGCTCAGTTGCAATAAACGTC
7274	db mining	Hs.103527	NM_003975	4503632	SH2 domain protein 2A (SH2D2A), mRNA /cds=(86,1255)	1	GATTCTTGCTGGCTAATAAATCATCA CCAACCTGCCTTCTCTACAGGGA
7275	db mining	Hs.104679	BF347362	11294957	Homo sapiens, clone MGC:18216 IMAGE:4156235, mRNA, complete cds /cds=(2206,2373)	1	AGATTCTTAGGGCAGCTTTGTTCCCC TTGGAGGGTTTTCCACGGGAGTGC
7276	db mining	Hs.105749	AB011125	3043629	mRNA for KIAA0553 protein, partial cds /cds=(0,3289)	1	GCCATACTCTGGCTGCCTTTTGCCCT TCCTAGGGGCATTTTCTTTAACTT
7277	db mining	Hs.105751	AL138761	8573811	DNA sequence from clone RP11-16H23 on chromosome 10. Contains the gene KIAA0204 (HSLK) for a protein kinase, the COL17A1 gene for collagen type XVII alpha 1 (BP180), ESTs and GSSs /cds=(0,3557)	1	TGCCTCTTACTACTTGTAGAGCAACA TGCTTTTTCAATCATGGGATTGAC
7278	db mining	Hs.324406	AK026741	10439662	ribosomal protein L41 (RPL41), mRNA /cds=(83,160)	1	TGGACCTGTGACATTCTGGACTATTT CTGTGTTTATTGTGGCCGAGTGT
7279	db mining	Hs.108371	NM_001950	12669914	E2F transcription factor 4, p107/p130-binding (E2F4), mRNA /cds=(62,1303)	1	TGAAGTGTCTGTGACTCCTTTGATG TGCTGTCTCAACCTCTGACTGA
7280	db mining	Hs.109760	NM_002491	4505360	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 3 (12kD, B12) (NDUFB3), mRNA /cds=(252,548)	1	CCTGGAGTCCCTGAATAAAGATAAGA AGCATCACTGAAGATAATACCTGG
7281	db mining	Hs.109857	AF151783	14248494	MEG3 (MEG3) mRNA, complete cds /cds=(52,2253)	1	TTGTCCCGAAGATTTGCGCCTTTAGT GCCTTTTGAGGGGTTCCCATCATC
7282	db mining	Hs.306417	NM_014714	7662193	cDNA FLJ10935 fis, clone OVARC1000661 /cds=(250,936)	1	CTGCTAGGCTCTGCCACCGGCCAC CAACACTCCTGTAAATCCCAATAAAG
7283	db mining	Hs.114199	BG621594	13672965	602617003F1 cDNA, 5' end /clone=IMAGE:4730856 /clone_end=5'	1	TAAATACTGTGCTATTGGTTGGGAGG GGATTGCATTAATGATTAGTCCA
7284	db mining	Hs.118786	BF131637	10970677	601820457F1 cDNA, 5' end /clone=IMAGE:4052246 /clone_end=5'	1	CTCACACACGCGAGGCAGTCAGACA ACAAACAGGAACAAGCTACAACAC
7285	db mining	Hs.122559	NM_024872	13376307	hypothetical protein FLJ22570 (FLJ22570), mRNA /cds=(0,1490)	1	TGAATAGTGTGCAGACTCAGATAAA TAAAGCTCAGAGCAGCTCCCGGCA
7286	db mining	Hs.123373	AW883279	8153115	602853825F1 cDNA, 5' end /clone=IMAGE:4994982 /clone_end=5'	1	CCCAGTGCCTCACGAAGTTAAAGGAA AGATCTGCTGGTAGTGTATTAGTCT

Table 8

7287	db mining	Hs.125078	AF090094	4063629	clone IMAGE 172979 /cds=UNKNOWN	1	CGAGCCGACCATGCTTCATTGTGCTT CCACAAGAACC CGGAGGACAGAGC
7288	db mining	Hs.130740	AK000315	7020316	cDNA FLJ20308 fis, clone HEP07264 /cds=(90,1226)	1	TTTTCCCCCTTAGTCTCCTGGCTTTT TCCTTTCCCTTCCCTTCTCCACT
7289	db mining	Hs.132955	AL132665	6137021	mRNA; cDNA DKFZp566E034 (from clone DKFZp566E034); complete cds /cds=UNKNOWN	1	AACCCGTTGTGGAATTTATTGGAATT AACTGAGCCAAAGTGATTATGCAT
7290	db mining	Hs.133230	BC000085	12652672	Homo sapiens, ribosomal protein S15, clone MGC:2295 IMAGE:3507983, mRNA, complete cds /cds=(14,451)	1	GCCCCGATCCTACACCCTGAGCCT CAGAGCACTGCTACTTTTTAAATA
7291	db mining	Hs.142677	AK024108	10436406	cDNA FLJ14046 fis, clone HEMBA1006461 /cds=UNKNOWN	1	AAGCGTCTCATGGAGTTCGGACTGGT TGGGGTGATAATTTTGTTCCTTT
7292	db mining	Hs.146170	NM_022842	12383093	hypothetical protein FLJ22969 (FLJ22969), mRNA /cds=(274,2223)	1	AAGCCAGGCTTTGGGATACAAGTTCT TTCTCTTCATTTGATGCCGTGCA
7293	db mining	Hs.146550	Z82215	3135984	DNA sequence from clone RP1-6802 on chromosome 22 Contains the 5' end of the APOL2 gene for apolipoprotein L 2, the APOL gene for apolipoprotein L, the MYH9 gene for nonmuscle type myosin heavy chain 9. ESTs, STSs and GSSs /cds=(0,5882)	1	AGCTGTACCACGTACAGTAAGCTGGT TTACAGATGTTTTCCA CTGAGCAT
7294	db mining	Hs.149846	NM_002213	4504772	Integrin, beta 5 (ITGB5), mRNA /cds=(29,2419)	1	TGAAGGTACATCGTTTGCAAATGTGA GTTTCTCTCCTGCTGCTTTTGT
7295	db mining	Hs.151738	NM_004994	4826835	matrix metalloproteinase 9 (gelatinase B, 92kD gelatinase, 92kD type IV collagenase) (MMP9), mRNA /cds=(19,2142)	1	GGATACAAACTGGTATTCTGTTCTGG AGGAAAGGGAGGAGTGGAGGTGGG
7296	db mining	Hs.336451	NM_024519	13375657	Nucleoside diphosphate kinase type 6 (inhibitor of p53-induced apoptosis- alpha)	1	CTGCCGCTGCCAGCCACATCCCTT GGTTTTGTATTTTATTACAGAGTT
7297	db mining	Hs.154276	NM_001186	4502352	BTB and CNC homology 1, basic leucine zipper transcription factor 1 (BACH1), mRNA /cds=(118,2328)	1	TGCAGTAGACGATACAGGTTGCATGT GGACTACTAGTCACATTAACAAC
7298	db mining	Hs.155975	NM_005608	5032004	protein tyrosine phosphatase, receptor type, C-associated protein (PTPRCAP), mRNA /cds=(63,683)	1	CCCCAACCCAGGCATCAGGCAACC ATTTGAAATAAACTCCTTCAGCCT
7299	db mining	Hs.159410	NM_014484	7657338	molybdopterin synthase sulfurylase (MOCS3), mRNA /cds=(2,1384)	1	GTA CTGAGGTGACTGGTATGACTCTGA TGAGAAAGATGTGGATTGCCATAA
7300	db mining	Hs.160999	AV648418	9869432	AV648418 cDNA, 3' end /clone=GLCBJC04 /clone_end=3'	1	CACTTGTTCAATCATGGAACCTTTCTA GAACGCTGCCACTCTTCAAAGCT
7301	db mining	Hs.164036	NM_002076	4504060	glucosamine (N-acetyl)-6-sulfatase (Sanfilippo disease IIID) (GNS), mRNA /cds=(87,1745)	1	TCATCACAGTGTGGTAAGTTGCAAAA TTCAAAACATGTACCCCAAGCTCT
7302	db mining	Hs.164478	NM_022461	11968002	hypothetical protein FLJ21939 similar to 5-azacytidine induced gene 2 (FLJ21939), mRNA /cds=(379,1557)	1	ACAACCTGATCATTGAAGCCAACCTT GTCCAGCACATTCCTTAAGTCTCT
7303	db mining	Hs.169615	NM_023080	12751496	hypothetical protein FLJ20989 (FLJ20989), mRNA /cds=(52,741)	1	ACTTGATTAGGCTCCGGTTTTCTCTT GGCTTCTGCTTTTTCAGTGAATGGC
7304	db mining	Hs.171811	AK023758	10435787	cDNA FLJ13696 fis, clone PLACE2000140 /cds=UNKNOWN	1	TTGCAGACAAATTCCTCTGAGCTTAG CTAGGAGTTCATTTGCTCCTCT
7305	db mining	Hs.171992	NM_002843	4506314	protein tyrosine phosphatase, receptor type, J (PTPRJ), mRNA /cds=(349,4362)	1	ACAGTAGCTTAGCATCAGAGGTTTGC TTCTCAGTAACATTTCTGTCTC
7306	db mining	Hs.173373	AB023148	4589505	mRNA for KIAA0931 protein, partial cds /cds=(0,2204)	1	ATGTGAGCCAGAGCATGTTGCAGCAA ATCTATTGTTTGTAAAAATAACAA
7307	db mining	Hs.173638	NM_030756	13540470	transcription factor 7-like 2 (T-cell specific, HMG-box) (TCF7L2), mRNA /cds=(307,2097)	1	TTTGTGCCATGTGGTACATTAGTTG ATGTTTTATCGAGTTCAATTGGTCAA
7308	db mining	Hs.177534	NM_007207	13518225	dual specificity phosphatase 10 (DUSP10), mRNA /cds=(142,1590)	1	AGCCCAACCATTA AAAATTAATACAA CTTGGTTTCTCCCCCTTTTTCT
7309	db mining	Hs.177592	NM_001003	4506668	602761378F1 cDNA, 5' end /clone=IMAGE:4896908 /clone_end=5'	1	GCAAAGAAAGAAAGATCCGAGGAGT CTGATGATGACATGGGCTTTGGTCT
7310	db mining	Hs.179661	BC008791	14250651	Homo sapiens, tubulin, beta 5, clone MGC:4029 IMAGE:3617988, mRNA, complete cds /cds=(1705,3039)	1	TTGAAAAGATGACATCGCCCCAAGAG CCAAAAATAATGGGAATTGAAAA
7311	db mining	Hs.179986	NM_005803	6552331	flotillin 1 (FLOT1), mRNA /cds=(184,1447)	1	TTTTCTGACCAAGACTGAGGGATGG GCTGGAGGTTTCAACTTTGCTAT
7312	db mining	Hs.180859	NM_016139	7705850	16.7Kd protein (LOC51142), mRNA /cds=(81,536)	1	TCTGGGACTGGGCAAATGTTGTGTG GCCTCCTTAAACTAGCTGTTATGT
7313	db mining	Hs.181301	AK024855	10437263	cDNA: FLJ21202 fis, clone COL00293 /cds=UNKNOWN	1	AACCTAAACGTATTTCACTCACTCTG GCTCCTTCTCCATAAAGCACATTT
7314	db mining	Hs.181311	NM_004539	7262387	asparaginyl-tRNA synthetase (NARS), mRNA /cds=(73,1719)	1	CCACCAATGCATGTCATGATTTCTC AATAGGCTGTATTCCAGCAGTCA
7315	db mining	Hs.181391	AL390158	9368848	mRNA; cDNA DKFZp761G2113 (from clone DKFZp761G2113) /cds=(0,564)	1	TGTACAGGTAGCTAATTTGTAACCG CTGTGATTTCCCTCTGCCCCCATG
7316	db mining	Hs.182281	NM_016407	7705482	hypothetical protein (HSPC164), mRNA /cds=(70,990)	1	TCTCATCATTTCCGAAGATAGCAGAGT CATAGTTGGGCACCCAGTGATTGG

Table 8

7317	db mining	Hs.183180	NM_016476	13324711	anaphase promoting complex subunit 11 (yeast APC11 homolog) (ANAPC11), mRNA /cds=(0,398)	1	CAACAAGGTGGAAACAAGGGCTGGA GCTGCGTTTTGTTTGCACACTAT
7318	db mining	Hs.183593	NM_006965	5902161	zinc finger protein 24 (KOX 17) (ZNF24), mRNA /cds=(164,1270)	1	GAGCATTCCCTCAGGGGAGGTCACCT GTGAGGTTCCCAGAACTGTAGTTTT
7319	db mining	Hs.184029	AL137509	6808164	Homo sapiens, clone MGC:2764 IMAGE:2958229, mRNA, complete cds /cds=(70,1785)	1	TGCAGGTGTGACAAGATCCGCCATC TGTAATGTCCTTGGCAACAATAAAA
7320	db mining	Hs.187652	AA833892	2907491	od64g04.s1 cDNA /clone=IMAGE:1372758	1	AAGAGTCTGACTTCTCACTAGGAGCA TGCTGTGTACTTACTTCAAACA
7321	db mining	Hs.188751	BG111636	12605142	602282682F1 cDNA, 5' end /clone=IMAGE:4369892 /clone_end=5'	1	CAAACACCAAACCAAGATAACACCGG AACGATAAACAGCAGAAACAGAGA
7322	db mining	Hs.193392	U46120	1184779	expressed unknown mRNA /cds=UNKNOWN	1	TGGGTTTGTCCAGTTCAGGCTAGATG TGCATCATGGCAGGAAGAAAGAG
7323	db mining	Hs.195453	NM_001030	4506710	ribosomal protein S27 (metallopanstimulin 1) (RPS27), mRNA /cds=(35,289)	1	AAGGATGTTCCCTCAGGAGGAAGCA GCACATAAAGCCTCTGAGTCAAGA
7324	db mining	Hs.196914	D86976	1504025	mRNA for KIAA0223 gene, partial cds /cds=(0,3498)	1	CGGAAGCCACCGTGTGGTCTTTTCCAC AGGCACGTTTATTTTGTCTGAAATA
7325	db mining	Hs.188281	NM_002654	4505838	pyruvate kinase, muscle (PKM2), mRNA /cds=(109,1704)	1	CCTCCACTCAGCTGTCCTGCAGCAAA CACTCCACCCTCCACCTTCCATT
7326	db mining	Hs.200317	AB037825	7243188	mRNA for KIAA1404 protein, partial cds /cds=(64,5841)	1	TCCCTCCTTCCAGTGTTCCTTAGAAC AGACATTTAGGTATCTCAGTCCCT
7327	db mining	Hs.202613	BG284262	13035032	602407238F1 cDNA, 5' end /clone=IMAGE:4519449 /clone_end=5'	1	CAGCCGCAGCATTAACGAACA GAGGAGAAGCAGGACAGGAGTT
7328	db mining	Hs.210778	AL136679	12052881	mRNA; cDNA DKFZp564C1278 (from clone DKFZp564C1278); complete cds /cds=(104,1690)	1	TCACTGGATTCTGTGTCTTCACTAG AACACCATTGTCATCTCATTATGA
7329	db mining	Hs.211594	NM_006503	5729990	proteasome (prosome, macropain) 26S subunit, ATPase, 4 (PSMC4), mRNA /cds=(12,1268)	1	GCTTCTCTCGCACCCCCAGCACCTCT GTCCCAAACCTCATTCCCTTTTT
7330	db mining	Hs.226307	NM_004900	4758159	phorbol (similar to apolipoprotein B mRNA editing protein) (DJ742C18.2), mRNA /cds=(79,651)	1	AGCTGCTCACAGACACCAGCAAAGC AATGTGCTCCTGATCAAGTAGATTT
7331	db mining	Hs.326048	NM_006319	5453905	cDNA FLJ14186 fis, clone NT2RP2005726 /cds=UNKNOWN	1	ATGCTCATGTGGTGTCCCCACCGCC CACTTGTGTTGATGTCACTGACTGTC
7332	db mining	Hs.227835	NM_014972	14149656	KIAA1049 protein (KIAA1049), mRNA /cds=(98,2126)	1	GCTGAGTGTGTCCTCCTCGTCCCA CTGTTTCTCTATAAATGTAATGT
7333	db mining	Hs.231967	NM_014423	7656878	ALL1 fused gene from 5q31 (AF5Q31), mRNA /cds=(337,3828)	1	TGCAGCACATTGATAAGATGGTTTCC GTGAGCTATGATAAGATTGAAATT
7334	db mining	Hs.232400	NM_031243	14043071	heterogeneous nuclear ribonucleoprotein A2/B1 (HNRPA2B1), transcript variant B1, mRNA /cds=(169,1230)	1	ATAAATATGCAGTGATGGCAGAAG ACACCAGAGCAGATGCAGAGAGCC
7335	db mining	Hs.236131	NM_022740	13430859	homeodomain-interacting protein kinase 2 (HIPK2), mRNA /cds=(108,3704)	1	TTGAACCGGAAGTGGGAGGACGTA GAGCAGAGAAGAGAACATTTTTAAA
7336	db mining	Hs.343556	AF090896	6690168	clone HQ0131 PRO0131 mRNA, partial cds /cds=(0,233)	1	TTTGCTCATTCTAAACTCAAGCTTTTA AGCCTCACAGAAATTTACAGGGGT
7337	db mining	Hs.238936	BG538032	13530264	602565334F1 cDNA, 5' end /clone=IMAGE:4688193 /clone_end=5'	1	GCCATAGGCTTACATGGGCATACTC GTTACACAGTCAGAAATGTTTGAAA
7338	db mining	Hs.241412	NM_030882	13562089	apolipoprotein L, 2 (APOL2), mRNA /cds=(477,1490)	1	GGTCTCTCGCTGTCTTTCCAGCAT CCACTCTCCCTTGTCTTCTGGGG
7339	db mining	Hs.241471	AL133642	6599293	mRNA; cDNA DKFZp586G1721 (from clone DKFZp586G1721); partial cds /cds=(0,669)	1	TCAGCACCAGTCATGTTTAAAGAC CAGAGAGACAAGCATTITGGCAAG
7340	db mining	Hs.245188	NM_000362	9257248	tissue inhibitor of metalloproteinase 3 (Sorsby fundus dystrophy, pseudoinflammatory) (TIMP3), mRNA /cds=(1183,1818)	1	CGAACCTGTCTAGAAGGAATGTATT TGTGCTAAATTCGTAGCACTGT
7341	db mining	Hs.249170	NM_012476	7110734	ventral anterior homeobox 2 (VAX2), mRNA /cds=(32,904)	1	CAAATGGCCCTTGTCCCGCAGCTTGT GTGCGTGAGTGCAGTGTGAGTGTG
7342	db mining	Hs.258551	NM_012100	6912247	aspartyl aminopeptidase (DNPEP), mRNA /cds=(151,1578)	1	CTCTTGAAAGACTTCTCTGCCATCC CTTTGCACCTGAGAGGGGAAGTTC
7343	db mining	Hs.259412	BG772376	14083029	602722490F1 cDNA, 5' end /clone=IMAGE:4839143 /clone_end=5'	1	GGCGCGGTGACCACCTATGGGACT TGGCCTTTCTTTGTTTGTGTTAA
7344	db mining	Hs.259577	AW665292	7457838	hj02c11.x1 cDNA, 3' end /clone=IMAGE:2980628 /clone_end=3'	1	ACCGAGTTCATGATTACTTCTACTCT AACACTCAATCCCCTAATTAACC
7345	db mining	Hs.259679	AW956608	8146291	EST368878 cDNA	1	TTCGATAAACAGCGTTGACTTGCTTG TACCACCTAAGAGTTGTGAGTCT
7346	db mining	Hs.265827	NM_022873	13259549	interferon, alpha-inducible protein (clone IFI-8-16) (G1P3), transcript variant 3, mRNA /cds=(107,523)	1	TCCAGAACITTTGCTATCACTCTCCC CAACAACCTAGATGTGAAACAGA
7347	db mining	Hs.265891	AK001503	7022798	cDNA FLJ10641 fis, clone NT2RP2005748 /cds=UNKNOWN	1	GGGATCTTCAAATGGATAGTGAGTT GCCTTTCTATAGGTGACAAATCA

Table 8

7348	db mining	Hs.266456	AW768693	7700715	hk65e11.x1 cDNA, 3' end /clone=IMAGE:3001580 /clone_end=3'	1	AGAGCAAGCATTACGAAAATAGGTC TGGAAAGACAGGAAAAGACAAAAGA
7349	db mining	Hs.267368	NM_017842	8923451	hypothetical protein FLJ20489 (FLJ20489), mRNA /cds=(482,1201)	1	ATGTGTCCTGCCCTCAGCTCTTTGC CTTATCTGTGTCACTGACTCTTAAG
7350	db mining	Hs.267812	NM_003794	4507144	sorting nexin 4 (SNX4), mRNA /cds=(0,1352)	1	TCCTGTGAATTGAATTTCTCTCAATC AAAGTCCCCAAACAGAAAGCACA
7351	db mining	Hs.272027	NM_012177	6912365	F-box only protein 5 (FBXO5), mRNA /cds=(61,1404)	1	AGGTCCCTCCCTGGTACAAAGAAAA GCAAAAAGAATTTACGAAGATTGT
7352	db mining	Hs.272534	AL080068	5262475	mRNA; cDNA DKFZp564J062 (from clone DKFZp564J062) /cds=UNKNOWN	1	GCCAGAAGCATAATTTACCAGAGACG AGAACAGGGTGTGGGAGAGAGGAA
7353	db mining	Hs.273415	NM_000034	4557304	aldolase A, fructose-bisphosphate (ALDOA), mRNA /cds=(167,1261)	1	TCTTTCTCCCTCGTGACAGTGGTGT GTGGTGTCTGTCTGCTACTTAAAG
7354	db mining	Hs.273830	AK022804	10434416	cDNA FLJ12742 fis, clone NT2RP2000644 /cds=UNKNOWN	1	CAGTCAAACATTTTACCTTGTGCCTT GGCTCACTCTGTGCTTTTCTCCA
7355	db mining	Hs.274287	AK001508	7022805	cDNA FLJ10646 fis, clone NT2RP2005773, highly similar to pyroline 5-carboxylate reductase isoform mRNA /cds=UNKNOWN	1	ACAGGAAACGGGCTTCTCTGAATTG GTAATGCGAAAGAAGTGAGCAAC
7356	db mining	Hs.275163	NM_002512	4505408	non-metastatic cells 2, protein (NM23B) expressed in (NME2), nuclear gene encoding mitochondrial protein, mRNA /cds=(72,530)	1	GTCCCTGGACACAGCTCTTCATTCCA TTGACTTAGAGGCAACAGGATTGA
7357	db mining	Hs.276818	AI435118	4300940	th95e09.x1 cDNA, 3' end /clone=IMAGE:2126440 /clone_end=3'	1	ACCCTCGCCACAAGATTCTGCAATCT CCTAAAGTACAGATGAGAAAGGAA
7358	db mining	Hs.278582	AF135794	4574743	AKT3 protein kinase mRNA, complete cds /cds=(0,1439)	1	TGCCAAGGGGTTAATGAAACAAATAG CTTTGACGTTTGTCTACTTTAAGA
7359	db mining	Hs.279535	AK027035	10440049	cDNA: FLJ23382 fis, clone HEP16349 /cds=UNKNOWN	1	CAGTGGCACACCTTAACCACTCACTA ATTTTCACTGTTGTGAAAGTGATT
7360	db mining	Hs.283007	NM_008227	5453913	phospholipid transfer protein (PLTP), mRNA /cds=(87,1588)	1	CCCAGTGCCACAGGAAAGAGCGGAT TTGAAGCTGTACCAATTAATTCC
7361	db mining	Hs.283565	NM_005438	4885242	FOS-like antigen-1 (FOSL1), mRNA /cds=(34,849)	1	TGAGCCCTACTCCCTGCAGATGCCAC CCTAGCCAATGTCTCTCCCTTC
7362	db mining	Hs.284296	AK026646	10439543	cDNA: FLJ22993 fis, clone KAT11914 /cds=UNKNOWN	1	GCAGGGAGGGGAGGATAAGTGGGAT CTACCAATGATTTCTGGCAAAACAA
7363	db mining	Hs.284892	AF246229	10419514	AF246229 cDNA /clone=RB82	1	GGCCACTACCTTTGTTGAAACAAAG CATAAGGGAGTAAAAGTGTCTAAA
7364	db mining	Hs.284893	AF246230	10419515	AF246230 cDNA /clone=RB16	1	GCTGGCCGATCTCTCCACAGATT GCAAGAAGCATTTCAAAGAATAGT
7365	db mining	Hs.285280	AK024885	10437298	cDNA: FLJ21232 fis, clone COL00752 /cds=UNKNOWN	1	ATTGGGATGAAACTACTTTAGCAAAG TCCACAGATCAGAAACCAAGCGGT
7366	db mining	Hs.288038	NM_006625	12056474	TLS-associated serine-arginine protein 1 (TASR1), mRNA /cds=(72,623)	1	AGGAGACTGGGTCTATAATGATT ATTTTGAGGCAGACAGAGACTGT
7367	db mining	Hs.288283	AK026008	10438707	cDNA: FLJ22355 fis, clone HRC06344 /cds=UNKNOWN	1	AGCCTGCAAGTTAGGACTTGAAGA GGGAAGTATTTAATAACTGGGCGA
7368	db mining	Hs.289043	AL136719	12052956	mRNA; cDNA DKFZp566G0346 (from clone DKFZp566G0346); complete cds /cds=(278,790)	1	TTAGTGCAGTTGGAATGAATGTGTAT AGGTCAGAGGCTCTCGTGTCCACA
7369	db mining	Hs.289087	AK024468	10440449	mRNA for FLJ00061 protein, partial cds /cds=(0,522)	1	TCACCTCTCAGTTGAAAGATTTCTCT TTGAAAAGTCAAGCCGATTC
7370	db mining	Hs.280494	BF475245	11544422	EST 003 cDNA, 5' end /clone_end=5'	1	AGTCTGGATGTAAGGCCTGCCTCAA GAGACACTAATGGGAGGGAACAAA
7371	db mining	Hs.290874	BE730505	10144599	601562627F1 cDNA, 5' end /clone=IMAGE:3832302 /clone_end=5'	1	AAAGGAAGAAGCACGATGCAACAG AAACAAGACGAGACAGAGTGAGCGA
7372	db mining	Hs.332403	NM_024113	13129129	hypothetical protein MGC4707 (MGC4707), mRNA /cds=(72,1067)	1	ACTGCTTCAAGTCTTGACCCCTTGT GTCTAATAGCTAAACAAACATGTG
7373	db mining	Hs.292998	AW972292	8162138	EST384381 cDNA	1	AACAATAGGAATAAGGTTACTTCAGC CTTAAGGGCTTATCATACTGCTG
7374	db mining	Hs.293984	NM_032323	14150097	hypothetical protein MGC13102 (MGC13102), mRNA /cds=(161,1345)	1	GACAGGGAAATCTGCCTACCAAGAG GGGTGTGTGTCTTTGTGCCACACA
7375	db mining	Hs.295362	AK027365	14041993	cDNA FLJ14459 fis, clone HEMBB1002409 /cds=UNKNOWN	1	AACAAGTCCATGACTCCCAAGGGTTT AAGGACCAATGGTTCAGTGAGACA
7376	db mining	Hs.297964	BF838049	12187621	RC1-HT0975-161100-011-g07 cDNA	1	ACACTCATACTCATATGTACTGTCTC AGTCCAACGGACTGCAGTCCGTTT
7377	db mining	Hs.299329	AK000770	7021066	cDNA FLJ20763 fis, clone COL09911 /cds=UNKNOWN	1	TACTGCTATGGAATGAGACCACCACT TCTCTGTTGCTCTCCAGCTTC
7378	db mining	Hs.300631	AK022958	10434851	cDNA FLJ12896 fis, clone NT2RP2004194, weakly similar to <i>Rattus norvegicus</i> Golgi SNARE GS15 mRNA /cds=UNKNOWN	1	TGCCAAGTGAGGACAACACTGCTAGG CTGTATCCATAATTTACAGGATGAG
7379	db mining	Hs.301417	M80899	178262	novel protein AHNAK mRNA, partial sequence /cds=(0,3835)	1	AAACCGACCCGCTGTAGGCTCTGG AACTATACAGATAGGTAAGAGTTT
7380	db mining	Hs.301612	NM_005253	4885244	FOS-like antigen 2 (FOSL2), mRNA /cds=(3,983)	1	GACCAATCATCAGACTCCTTGAACCT CCCACACTCTGCTGGCTCTGTAACC
7381	db mining	Hs.301636	NM_000287	4505728	peroxisomal biogenesis factor 6 (PEX6), mRNA /cds=(70,3012)	1	AGAGATCCAGGTGCAAGTGGATTGA GACAGCAGCAACAGCTCAAGAGATA

Table 8

7382	db mining	Hs.337774	NM_004723	4758671	rho/rac guanine nucleotide exchange factor (GEF) 2 (ARHGEF2), mRNA /cds=(112,2988)	1	ATGTCCCTTTCTCCTCCTCCCTCTTC CTCTACTGCTGTTCTCCCTTTCT
7383	db mining	Hs.318568	BF475243	11544420	EST 001 cDNA, 5' end /clone_end=5'	1	ACATCCATAGAACAAATACATCAAAGT TGTGAAGTGTTCAGGGGAGGGC
7384	db mining	Hs.318569	BF475244	11544421	EST 002 cDNA, 5' end /clone_end=5'	1	AGCACTTACTGTCAGGCATTCAGAAAT GTGAGCAATGACAATAATTTACCT
7385	db mining	Hs.321709	NM_002560	4505548	purinergic receptor P2X, ligand-gated ion channel, 4 (P2RX4), mRNA /cds=(27,1193)	1	AATCTGATTGAGTCTCCACTCCACAA GCACCTCAGGGTTCCCCAGCAGCTC
7386	db mining	Hs.322478	D38491	559327	mRNA for KIAA0117 gene, partial cds /cds=(0,683)	1	AACCCAAGAAAAGAGTTGCTCTTACT ATCTACTGCTGACTCTTGAACITTT
7387	db mining	Hs.323114	AK023846	10435908	cDNA FLJ13784 fis, clone PLACE4000593 /cds=UNKNOWN	1	TTCGTAGTGGGGTTTTTCCTATCAGA GCTTGGCTCATAACCAAAATAAGT
7388	db mining	Hs.323949	NM_002231	13259537	kangal 1 (suppression of tumorigenicity 6, prostate; CD82 antigen (R2 leukocyte antigen, antigen detected by monoclonal and antibody (A4)) (KAI1), mRNA /cds=(181,984)	1	AGGTGGGCTGGACTTCTACCTGCCCC TCAAGGGTGTGTATATTGTATAGGG
7389	db mining	Hs.324507	NM_024524	13375667	hypothetical protein FLJ20988 (FLJ20988), mRNA /cds=(182,2056)	1	TGTGTCAGAAATGGCACTAGTTCAGTT TATGTCCTTCTGATATAGTAGCT
7390	db mining	Hs.326447	BC004857	13436058	Homo sapiens, clone IMAGE:3690478, mRNA, partial cds /cds=(0,71)	1	CTATCAGCCCCAAGTGGAGCAGAAC AGAGGGATTGGGAGGAATGTCTCTC
7391	db mining	Hs.333558	BG577468	13592532	gu.seq cDNA	1	TGCTAAGGAGAGGGGGCCATGAAGAG TTTTGTTGAGAACATCGTGTCTGAG
7392	db mining	Hs.334303	BG642392	13777102	gu.seq395250 cDNA	1	AGTCAGAACTTCAAGTCCCCATTAAA GGGGCTGAAAATACAAGTACAGT
7393	db mining	Hs.334804	NM_000558	6715603	hemoglobin, alpha 1 (HBA1), mRNA /cds=(37,465)	1	CTCCCTTCTGTCACCCGTACGCCCC GTGCTCTTGAATAAAGTCTGAGTG
7394	db mining	Hs.334853	NM_032241	14149953	hypothetical protein FLJ23544 (FLJ23544), mRNA /cds=(125,517)	1	CAGATGGTGTGGGGTCAAGTACATC CCAGTCGTGGCCCTTTGGACAAG
7395	db mining	HS.250855	NM_032695	14249283	Prothymosin, alpha (gene sequence 28)	1	TTTTGGCCGTGTTGATGTATGTGTGA AACAATGTTGTCCAACAATAAACA
7396	db mining	Hs.336689	AA493477	2223318	ESTs	1	AGCCTAGGTGACAGAGCAAGACTCC ATTTCAAAAACAAAACAAAACAAA
7397	db mining	Hs.180450	BF791433	12096487	ribosomal protein S24 (RPS24), transcript variant 1, mRNA /cds=(37,429)	1	ACACTGAGAATACACGACATACCGC ACGCACAAGACAACAACAGACAGC
7398	Table 3A	NA	AA077131	1836605	7B08E10 Chromosome 7 Fetal Brain cDNA Library cDNA clone 7B08E10, mRNA sequence	1	CAGCCACCTCCTCAGGTCAGACAAG CCCAGCACCCAAATACCCTATCTG
7399	Table 3A	NA	AA501725	2236692	ng18e12.s1 NCI_CGAP_Lip2 cDNA clone IMAGE:929806 similar to contains Alu repetitive element,, mRNA	1	GGCTTCCCTATTACCTCCCAGCGAAA TTCGTAGTCTTTCTCTATGGAGTT
7400	Table 3A	NA	AA501934	2236901	nh56a10.s1 NCI_CGAP_Pr8 cDNA clone IMAGE:956346, mRNA sequence	1	TGCTGATGTGTTAGGTAGTTGTGGCA CACTCACCTGTCTTCTCTAAATGC
7401	Table 3A	NA	AA579400	2357584	nf33d05.s1 NCI_CGAP_Pr1 cDNA clone IMAGE:915561 similar to contains Alu repetitive element;contains	1	TTCATGCTCAGCAAAAACAGCTTTTA GGATGGTGAGAGAAGACAAGTAA
7402	Table 3A	NA	AF249845	8099620	isolate Siddi 10 hypervariable region I, mitochondrial sequence	1	TATTAACCACTCAGCGGAGCTCTCCA TGCATTTGGTATTTTCGCTGGGG
7403	db mining	Hs.277051	AI630242	4681572	ad07c09.y1 cDNA /clone=ad07c09-(random)	1	TTACTGCTTTGCATGCTCTCCATCG TCAAAGTCTTCTGAAACTTAGGC
7404	db mining	Hs.277052	AI630342	4681672	ad08g11.y1 cDNA /clone=ad08g11-(random)	1	CCCCACCCCAACATACAAAGCTTT CCCACCAATCCTTGAAGTCAAAA
7405	db mining	NA	AI732228	5053341	nf19e05.x5 NCI_CGAP_Pr1 cDNA clone IMAGE:914240 similar to contains Alu repetitive element,, mRNA s	1	TTCAGGTCCCAATACCCAACCTA CGAAGGAAGAAATGGAATCTATT
7406	Table 3A	Hs.197803	AW379049	6883708	mRNA for KIAA0160 gene, partial cds /cds=(0,2413)	1	TGCACAGAACTCTTACTTACATGTCT CATCGAAACTCCAGAACCCGTCG
7407	Table 3A	Hs.232000	AW380881	6885540	UI-H-BI0p-abh-h-06-0-UI.s1 cDNA, 3' end /clone=IMAGE:2712035 /clone_end=3'	1	TGCATGTATCCCGGTAATCAAATCC AATTCACAGCCACTGCTGAATAT
7408	Table 3A	Hs.325568	AW384988	6889647	602386081F1 cDNA, 5' end /clone=IMAGE:4514972 /clone_end=5'	1	TACAGGAAAATGAAACTAGACGGGTG GGGGACTAGAAATGAAAACCACT
7409	Table 3A	NA	AW836389	7930363	PMO-LT0030-101299-001-f08 LT0030 cDNA, mRNA sequence	1	AGTTTCTGCTTTCAGTGAAGTGGCT TTGCTTTAACCTGGTGAATCCCA
7410	Table 3A	NA	AW837717	7931691	CM2-LT0042-281299-062-e11 LT0042 cDNA, mRNA sequence	1	TCCCACCTCAAGTTAAGCACCAAAGC AATCACTAATCTGGAGCACAGGA
7411	Table 3A	NA	AW837808	7931782	CM1-LT0042-100300-140-f05 LT0042 cDNA, mRNA sequence	1	CATGGATGGGGCAGTGGTCTTTCT AGTGTGTGAGGAAGCAGAGCAGATG
7412	Table 3A	NA	AW842489	7936472	PM4-CN0032-050200-002-c11 CN0032 cDNA, mRNA sequence	1	TCACCACAGATGGGAAGATCGTTTCC TGAAAACAGTCTATAAATCACAGA
7413	Table 3A	NA	AW846856	7942373	QV3-CT0195-011099-001-c09 CT0195 cDNA, mRNA sequence	1	CAGACGCTCCAGTCTGCCGAGGTT AGTGTGTTTATTAGACCTGAAATGA

Table 8

7414	Table 3A	NA	AW856490	7952183	PM4-CT0290-271099-001-c04 CT0290 cDNA, mRNA sequence	1	CCCTTTAGGCCTCTTGCCCGAACAGT GAACACTAATAGATATCCTAAGCT
7415	Table 3A	NA	AW891344	8055549	PM2-NT0079-030500-001-a04 NT0079 cDNA, mRNA sequence	1	ATGGGGATCATGTTTTATTTTCTCTA TATAATGGGCCAGTGTGTTCCCA
7416	Table 3A	NA	BE061115	8405765	QV0-BT0041-011199-039-f09 BT0041 cDNA, mRNA sequence	1	AGCTGTAGACCATAAGCCACCTTCAG GTAGTGGTTTGGGAAATCAAGCAA
7417	Table 3A	NA	BE086076	8476469	PM2-BT0672-130400-006-h09 BT0672 cDNA, mRNA sequence	1	TGACTTATGCTTGTCTTCTACCTG CCCCAGTCTTGAAGTGGGTGGAA
7418	Table 3A	NA	BE091932	8482384	IL2-BT0733-130400-068-C11 BT0733 cDNA, mRNA sequence	1	GGAGGGTGTGGGAGCAAGAGAAGA ACATTCTGTAGGGGCAGAGAAGAA
7419	Table 3A	Hs.173334	BE160822	8623543	ELL-RELATED RNA POLYMERASE II, ELONGATION FACTOR (ELL2), mRNA /cds=(0,1922)	1	GCATCTCCAGCTTTCATAGTTACCCA ACTTGTAAACCAGAAGATGTGCTG
7420	Table 3A	NA	BE163106	8625827	QV3-HT0457-060400-146-h10 HT0457 cDNA, mRNA sequence	1	GGCCAGTGCCAGACGGTAGCTAGTT GGATGC2AAAGGTAGAATTTAGATA
7421	Table 3A	Hs.301497	BE168334	8631159	arginine-IRNA-protein transferase 1-1p (ATE1) mRNA, alternatively spliced product, partial cds /cds=(0,1544)	1	GGCATTGTAGTTCAGCACCAGCAAAG ACTCAGAGTGACTTGAGCATTGGA
7422	Table 3A	Hs.172780	BE176373	8639102	602343016F1 cDNA, 5' end /clone=IMAGE:4453466 /clone_end=5'	1	AGCCCATTTGGATATGGCCCATCTTT ACCTAATGGCTACTATAGTGAGGT
7423	Table 3A	NA	BE177661	8656813	RC1-HT0598-020300-011-h02 HT0598 cDNA, mRNA sequence	1	AATCACAGCAGTAACTCCAGTAGGA AAGATTCTCAAAGGAATAGTTCTT
7424	Table 3A	NA	BE178880	8658032	PM1-HT0809-060300-001-g03 HT0609 cDNA, mRNA sequence	1	AATGGTCAGGCACAGTGAATCAAAA GTCCTGTATGTATGTTACACAGA
7425	Table 3A	NA	BE247056	9098807	TCBAP1D6404 Pediatric pre-B cell acute lymphoblastic leukemia Baylor-HGSC project=TCBA cDNA clone T	1	TACCTGAAGGTGTAGAGAGTGCCCG CATCCAGCAAGGCCAACAGCTCCAC
7426	Table 3A	Hs.11050	BE763412	10193336	mRNA; cDNA DKFZp434C0118 (from clone DKFZp434C0118); partial cds /cds=(0,1644)	1	CTGTGTTTTCCCAAAGCAACAATTTT AAACAAAGTGAGAGCCACTGACA
7427	Table 3A	NA	BF330908	11301656	RC3-BT0333-310800-115-f11 BT0333 cDNA, mRNA sequence	1	GACTCCGAGCTCAAGTCACTGTGAC CCCC AACCCCTAACCCACTGCATC
7428	Table 3A	NA	BF357523	11316597	CM2-HT0945-150900-379-g06 HT0945 cDNA, mRNA sequence	1	TGTAAGTACTTATGTATCACTCAAG TCTTGCCTTACTGAGTGCCTGA
7429	Table 3A	NA	BF364413	11326438	RC6-NN1068-070600-011-B01 NN1068 cDNA, mRNA sequence	1	TCTCTTAACCAAAGTGTAACTTCTCA GGACCAGCAAAGTCAAGCCAAAG
7430	Table 3A	NA	BF373638	11335663	MRO-FT0176-040900-202-g09 FT0176 cDNA, mRNA sequence	1	AACTCTTGTTAAATGGGTTAAATGA GGATTGGAACACTTTGTTGCTGT
7431	Table 3A	NA	BF740663	12067339	QV1-HB0031-071200-562-h04 HB0031 cDNA, mRNA sequence	1	AGAAGCAAAGCTGTGAAGCTACTATC GTTTATCATCAGTGTGAATGCAT
7432	Table 3A	NA	BF749089	12075765	MR2-BN0388-051000-014-b04 BN0388 cDNA, mRNA sequence	1	GGACTAACTTCCACTCTCTGCTAC TTCCAGCTGCTTCAATCACACT
7433	Table 3A	NA	BF758480	12106380	MR4-CT0539-141100-003-d05 CT0539 cDNA, mRNA sequence	1	AGTCTCCACCAGTATAGGTTATCAC ACAACCAGCTCTTTTACTCTGT
7434	Table 3A	NA	BF773126	12121026	CM3-IT0048-151200-568-f08 IT0048 cDNA, mRNA sequence	1	TTAGCTGGTACATTTGTTGAGGTTTA CTGGGAGCCGGTAAGATAGTACC
7435	Table 3A	NA	BF773393	12121293	CM2-IT0039-191200-638-h02 IT0039 cDNA, mRNA sequence	1	AGCGTGATGCTTCTGCTGAGTGGTA TTTTCTGTGAGACATCTCAAGC
7436	Table 3A	NA	BF805164	12134153	QV1-CI0173-061100-456-f03 CI0173 cDNA, mRNA sequence	1	ACAAAAGTATGGAATTCATTTCTTTT ATATGCTGCAGGCTGTCTGCTCCCT
7437	Table 3A	NA	BF818594	12156027	MR3-CI0184-201200-009-a04 CI0184 cDNA, mRNA sequence	1	TGTAATTGATTTCCGATCAAACGGTCT ATTACTGGCACCTATGCACGACC
7438	Table 3A	NA	BF827734	12171909	RC6-HN0025-041200-022-F08 HN0025 cDNA, mRNA sequence	1	GTGATCCACTTGGAGCTGCTACTGGT CCCATTGAGTCTTATAGTACTTCA
7439	Table 3A	NA	BF845167	12201450	RC5-HT1035-271200-012-F08 HT1035 cDNA, mRNA sequence	1	TGCCATGAAATCTCTATTAACTTCAG AAAGATCAAAGGAGGTCCCGTGT
7440	Table 3A	NA	BF869167	12259297	IL5-ET0119-181000-181-b11 ET0119 cDNA, mRNA sequence	1	CCCACCTGGCAAATCTCAAGTGTGA CCCTAGTCACTTTCTCCTTTTGG
7441	Table 3A	NA	BF875575	12265705	QV3-ET0100-111100-391-c02 ET0100 cDNA, mRNA sequence	1	GCTAAACAGAAAAGAACCTGAAGTAC AGTCCCGCTTCAAAGAAAGATGC
7442	Table 3A	NA	BF877979	12268109	MRO-ET0109-171100-001-b02 ET0109 cDNA, mRNA sequence	1	ATCCTCCTCCCTGGGATGGCCTAGA AGAGACTTTAAAACCAAATGAGCC
7443	Table 3A	NA	BF897042	12288501	IL2-MT0179-271100-254-C11 MT0179 cDNA, mRNA sequence	1	GTGAGTAAAGTCTGCCTGCCAAGAAG ACACAGTGAAGAGTGTCCAGCATC
7444	Table 3A	NA	BF898285	12289744	QV1-MT0229-281100-508-e11 MT0229 cDNA, mRNA sequence	1	GTTTCCACTTAGTACTTCTCTCTACC TGCTGTGAAGCTCTGCACCCCTGC
7445	Table 3A	NA	BF899464	12290923	IL5-MT0211-011200-317-f03 MT0211 cDNA, mRNA sequence	1	AGAGTAATCCACATCCAGGGCAGT CACAATGACCTACGGCTTAGCTG
7446	Table 3A	Hs.324473	BF904425	12295884	40 kDa protein kinase related to rat ERK2 /cds=(134,1180)	1	GCAGGGCTACACCAAGTCCATTGATA TTTGCTGTAGGCTTCCACATTTGG
7447	Table 3A	NA	BF906114	12297573	IL3-MT0267-281200-425-A05 MT0267 cDNA, mRNA sequence	1	TCTTCTTAAATGCCTCTCTCTCTT CCTTTTCCAGACTGGTTTAAA
7448	Table 3A	Hs.104679	BF926187	12323197	Homo sapiens, clone MGC:18218 IMAGE:4156235, mRNA, complete cds /cds=(2206,2373)	1	TCGCCATTTGGTAGTTCACAGGTGAC TGCTTCTATTTTACGAAGCCAC
7449	Table 3A	Hs.75703	BF928844	12326772	small inducible cytokine A4 (homologous to mouse Mip-1b) (SCYA4), mRNA /cds=(108,386)	1	GTAGATTACTATGAGACCAGCAGCCT CTGCTCCAGCCAGCTGTGGTGTG

Table 8

7450	Table 3A	NA	BG006820	12450386	RC4-GN0227-271100-011-d03 GN0227 cDNA, mRNA sequence	1	TTTCCTTTTCGCTGACTTTCTCACTCA CTGCTGTCTCTCATTTTCTCCA
7451	Table 3A	NA	F11941	706260	HSC33F051 normalized infant brain cDNA cDNA clone c-33f05, mRNA sequence	1	TGGTAAGTTTTGCGCAGTGTGGAGAC AGGGGAATAATCTCAACAGTAGGT
7452	Table 3A	NA	U46388	1235904	HSU46388 Human pancreatic cancer cell line Patu 89881 cDNA clone xs425, mRNA sequence	1	CCATGGTGGTGCTTGACTTTGCTTTG GGGCTTAATCCTAGTATCATTGG
7453	Table 3A	NA	U75805	1938265	HSU75805 Human cDNA clone f46, mRNA sequence	1	TCAGTGGGTGTTGGTTGCCATTAGT TGAGACTTAGTTGTGCTCTGGGA
7454	Table 3A	NA	W27656	1307658	36f10 Human retina cDNA randomly primed sublibrary cDNA, mRNA sequence	1	GGCTGGACAGCAGATGATTCAAATCT CAATACTACATGCCCAATCTGTGG
7455	literature	NA	X17403	59591	Human cytomegalovirus strain AD169 complete genome	1	AATAATAGATTAGCAGAAGGAATAAT CCGTGCGACCGAGCTTGTGCTTCT
7456	literature	NA	X17404	59591	Human cytomegalovirus strain AD169 complete genome	1	TTTTGCGAACTTTTAGGAACCGCAA GTCAACAAAAGACTAACAAAAGAAA
7457	literature	Hs.2799	X17405	59591	Cartilage linking protein 1	1	GAGATCGACATCGTCATCGACCGAC CTCCGCAGCAACCCCTACCCAATCC
7458	literature	Hs.2159	X17406	59591	mRNA for cartilage specific proteoglycan	1	ACATTCAAAGTTTGAGCGTCTTCAT GTACGCCGTTTTTCGGCTCACGAG
7459	literature	NA	X17407	59591	Human cytomegalovirus strain AD169 complete genome	1	CCAACGACACATCCACAAAAATCCCC CATCGACTCTACAATCGCATCAT
7460	literature	NA	X17408	59591	Human cytomegalovirus strain AD169 complete genome	1	CTTTGAGCAGGTTCTCAAGGCTGTAA CTAACGTGCTGTCGCCCGTCTTTC
7461	literature	NA	X17409	59591	Human cytomegalovirus strain AD169 complete genome	1	GATGTCGCTACGCGCTATCGGCC ATCATCGGCATCTATCTGTCTACC
7462	literature	NA	X17410	59591	Human cytomegalovirus strain AD169 complete genome	1	TCTTCTGGGACGCCAACGACATCTAC CGCATCTTCGCCGAATTGGAAGGC
7463	literature	NA	X17411	59591	Human cytomegalovirus strain AD169 complete genome	1	ACGAACAGAAATCTCAAAGACGCTG ACCCGATAAGTACCGTACCGGAGA
7464	literature	NA	X17412	59591	Human cytomegalovirus strain AD169 complete genome	1	AGAGAACAACAAAACCCACCACGACGA TGAACAAAACGCTCAACCAACA
7465	literature	NA	X17413	59591	Human cytomegalovirus strain AD169 complete genome	1	CTGCATCGTGGTCTCTCTCTCTCT CCGAGATCGCGACGGAGAAACAAC
7466	literature	NA	X17414	59591	Human cytomegalovirus strain AD169 complete genome	1	CTGAGCCTGGCCATCGAGGCGAGCCA TCCAGGACCTGAGGAACAAGTCCA
7467	literature	NA	X17415	59591	Human cytomegalovirus strain AD169 complete genome	1	CCTCTGGAGGCAAGAGCACCCACC TATGGTGACTAGAAGCAAGGCTGAC
7468	literature	NA	X17416	59591	Human cytomegalovirus strain AD169 complete genome	1	TTCGTGGCACCAAGTTTCGCAAGAA CTACACTGTCTGCTGGCCGAGTTT
7469	literature	NA	J01917	209811	Adenovirus type 2, complete genome	1	CTGTGGAATGTATCGAGGACTTGCTT AACGAGTCTGGGCAACCTTTGGAC
7470	literature	NA	J01918	209811	Adenovirus type 2, complete genome	1	GCTGGCCTGCACCCGCGCTGAGTTT GGCTCTAGCGATGAAGATACAGATT
7471	literature	NA	J01919	209811	Adenovirus type 2, complete genome	1	GGGGCGGTTAGGCTGTCTCTCTCT CGACTGACTCCATGATCTTTTTCTG
7472	literature	NA	J01920	209811	Adenovirus type 2, complete genome	1	TGTTTGCCTTATTATTATGTGGCTTAT TTGTTGCCTAAAGCGCAGACGCG
7473	literature	Hs.250596	J01921	209811	xy45f10.x1 cDNA, 3' end /clone=IMAGE:2856139 /clone_end=3'	1	ACGGTGATCAATAAAGCTATGTGGT GGTGGGGCTATACTACTGAATGAA
7474	literature	NA	J01922	209811	Adenovirus type 2, complete genome	1	TTTCTGCCCTGAAGGCTTCTCCCT CCAATGCGGTTTAAAACATAAAT
7475	literature	NA	J01923	209811	Adenovirus type 2, complete genome	1	GGCTTATGCCATGTATCTGAACATC CAGAGTCACTTTTACCAGTCTCTG
7476	literature	NA	J01924	209811	Adenovirus type 2, complete genome	1	CTACTGCCGTACAGCGAAAGCCGCC CCAACCCGCGAAACGAGGATATG
7477	Table 3A	NA	AA077131	1836605	7B08E10 Chromosome 7 Fetal Brain cDNA Library cDNA clone 7B08E10, mRNA sequence	-1	CAGATAGTGGTATTTGGGTGCTGGG CTTGTCTGACCTGAGGAGTGGCTG
7478	Table 3A	NA	AA501725	2236692	ng18e12.s1 NCL_CGAP_Lip2 cDNA clone IMAGE:929806 similar to contains Alu repetitive element, mRNA	-1	AACTCCATAGAGAAAGACTACGAATT TCCTGGGAGGTAATAGGGAAGCC
7479	Table 3A	NA	AA501834	2236901	nh56a10.s1 NCL_CGAP_Pr8 cDNA clone IMAGE:956346, mRNA sequence	-1	GCATTTAGGAAAGACAGGTGAGTGTG CCACAACCTACCTAACACATCAGCA
7480	Table 3A	NA	AA579400	2357584	nf33d05.s1 NCL_CGAP_Pr1 cDNA clone IMAGE:915561 similar to contains Alu repetitive element, contains	-1	TTACTTTGTCTTCTCTCACCATCCTAA AACGTTGTTTTGCTGAGCATGAA
7481	Table 3A	NA	AF249845	8099620	isolate Siddi 10 hypervariable region I, mitochondrial sequence	-1	CCCCAGACGAAAATACCAATGCATG GAGAGCTCCCGTGAGTGGTTAAATA
7482	db mining	Hs.277051	AI630242	4681572	ad07c09.y1 cDNA /clone=ad07c09- (random)	-1	GCCTAAGTTTCCAGAAGACTTTGACG ATGGAGAGCATCGAAAAGCAGGTAA
7483	db mining	Hs.277052	AI630342	4681672	ad08g11.y1 cDNA /clone=ad08g11- (random)	-1	TTTTGCAGTTCAAGGATTGGTGGGAA ACGTTTGTATGTGTTGGGGTGGGG

Table 8

7484	db mining	NA	AI732228	5053341	nf19e05.x5 NCI_CGAP_Pr1 cDNA clone IMAGE:914240 similar to contains Alu repetitive element, mRNA s	-1	AATAGATTTCCATTTCTTCCTTCGAGT TAGTTGGGTATTGGGACCTTGAA
7485	Table 3A	Hs.197803	AW379049	6883708	mRNA for KIAA0160 gene, partial cds /cds=(0,2413)	-1	CGACGGTGTCTGGAGTTTCGATGAG ACATGTAAGTAAGAGTTCTGTGCA
7486	Table 3A	Hs.232000	AW380881	6885540	UI-H-BI0p-abh-h-06-0-UI.s1 cDNA, 3' end /clone=IMAGE:2712035 /clone_end=3'	-1	ATATTCAGCAGTGGCTGTGAAATTTGG ATTTGAATTACCGGGATACATGCA
7487	Table 3A	Hs.325568	AW384988	6889647	602386081F1 cDNA, 5' end /clone=IMAGE:4514972 /clone_end=5'	-1	ACTGGTTTTCTAGTGTGCCCCCA CCCGTCTAGTTTCATTTTCTGTGA
7488	Table 3A	NA	AW836389	7930363	PM0-LT0030-101299-001-f08 LT0030 cDNA, mRNA sequence	-1	TTGGGAGTACCAGGTTAAAGCAAAG CCTCAGTCACTGAAAGCAGAAACT
7489	Table 3A	NA	AW837717	7931691	CM2-LT0042-281299-062-e11 LT0042 cDNA, mRNA sequence	-1	TCCTGTGCTCCAGAATTAGTGATTGC TTTGGTGTAACTTGAAGTGGGA
7490	Table 3A	NA	AW837808	7931782	CM1-LT0042-100300-140-f05 LT0042 cDNA, mRNA sequence	-1	CATCTGCTGCTGCTTCCACACACTA GAAACACCACTGCCCCATCCATG
7491	Table 3A	NA	AW842489	7936472	PM4-CN0032-050200-002-c11 CN0032 cDNA, mRNA sequence	-1	TCTGTGATTTATAGACTGTTTCAGGA AACGATCTTCCCATCTGTGGTGA
7492	Table 3A	NA	AW846856	7942373	QV3-CT0195-011099-001-c09 CT0195 cDNA, mRNA sequence	-1	TCATTTCAAGTCTAATAAACACACTAA CCTCGGCAGCACTGGAGCTGTCTG
7493	Table 3A	NA	AW856490	7952183	PM4-CT0290-271099-001-c04 CT0290 cDNA, mRNA sequence	-1	AGCTTAGGATATCTATTAGTGTTCAC TTTCCGGGCAAGAGGCTAAAGGG
7494	Table 3A	NA	AW891344	8055549	PM2-NT0079-030500-001-a04 NT0079 cDNA, mRNA sequence	-1	TGGGAACACACTGGCCATTATATAG AGAAAAATAAAACACTGATCCCCAT
7495	Table 3A	NA	BE061115	8405765	QV0-BT0041-011199-039-f09 BT0041 cDNA, mRNA sequence	-1	TTGCTTGATTTCCAAACCACTACTCT GAAGGTGGCTTATGGTCTACAGCT
7496	Table 3A	NA	BE086076	8476469	PM2-BT0672-130400-006-h09 BT0672 cDNA, mRNA sequence	-1	TTCCACCACTCAAGACTGGGGGCA GGTAGAGAAGACAAGCATAAGTACA
7497	Table 3A	NA	BE091932	8482384	IL2-BT0733-130400-068-C11 BT0733 cDNA, mRNA sequence	-1	TTCTTCTGCCCCAACAAGAAATGTT CTCTCTGCTTCCACACCTGCC
7498	Table 3A	Hs.173334	BE160822	8623543	ELL-RELATED RNA POLYMERASE II, ELONGATION FACTOR (ELL2), mRNA /cds=(0,1922)	-1	CAGCACATCTTCTGGTTTACAAGTTG GGTAAGTATGAAAGCTGGAGATGC
7499	Table 3A	NA	BE163106	8625827	QV3-HT0457-060400-146-h10 HT0457 cDNA, mRNA sequence	-1	TATCTAAATTCTACCTTTAGCATCCAA CTAGTACCCTGCTGGCACTGGCC
7500	Table 3A	Hs.301497	BE168334	8631159	arginine-tRNA-protein transferase 1-1p (ATE1) mRNA, alternatively spliced product, partial cds /cds=(0,1544)	-1	TCCAATGCTCAAGTCACTCTGAGTCT. TTGCTGGTGTCAACCTACAATGCC
7501	Table 3A	Hs.172780	BE176373	8639102	602343016F1 cDNA, 5' end /clone=IMAGE:4453466 /clone_end=5'	-1	ACCTCACTATAGTACCATTAGGTAA AGATGGGCCATATCCAAATGGGCT
7502	Table 3A	NA	BE177661	8656813	RC1-HT0598-020300-011-h02 HT0598 cDNA, mRNA sequence	-1	AAGAACTATTCTTTGAGAATCTTTCC TACTGGGAGTTACTGCTGTGATT
7503	Table 3A	NA	BE178880	8658032	PM1-HT0609-060300-001-g03 HT0609 cDNA, mRNA sequence	-1	TCTGTGTGAACATGACATCAGGACTT TGATTCTACTGTGCCTGACCATT
7504	Table 3A	Hs.86543	BE247056	9098807	602495247F1 cDNA, 5' end /clone=IMAGE:4809330 /clone_end=5'	-1	GTGGAGCTGTTGGCCTTCTGGATG CGGGCACTCTCACACCTGAGTA
7505	Table 3A	Hs.11050	BE763412	10193336	mRNA; cDNA DKFZp434C0118 (from clone DKFZp434C0118); partial cds /cds=(0,1644)	-1	TGTCAGTGGCTCTCACTTTGTTTGA AATTGTTGCTTTGGGAAAAACACAG
7506	Table 3A	NA	BF330908	11301656	RC3-BT0333-310800-115-f11 BT0333 cDNA, mRNA sequence	-1	GATGCAGTGGGTTAGGGGTTGGGGG TACAGACTGACTTGAGCTCGGAGTC
7507	Table 3A	NA	BF357523	11316597	CM2-HT0945-150900-379-g06 HT0945 cDNA, mRNA sequence	-1	TCAGGCACTCAGTAAAGGCAAGACTT GAGTGATACATAAAGTCAGTTACA
7508	Table 3A	NA	BF364413	11326438	RC6-NN1068-070600-011-B01 NN1068 cDNA, mRNA sequence	-1	CCTTGGGCTGAGTTTGTGGTCCCTGA AGATTACAGTTTTGGTTAGAGAGA
7509	Table 3A	NA	BF373638	11335663	MR0-FT0176-040900-202-g09 FT0176 cDNA, mRNA sequence	-1	ACAGCAAACAAGTGTCCAAATCCTC TATTAACCCATTAAACAGAGTT
7510	Table 3A	NA	BF740663	12067339	QV1-HB0031-071200-562-h04 HB0031 cDNA, mRNA sequence	-1	AGTGCACTCACACTGATGATAACGA TAGTAGCTTACAGGTTTGCTTCT
7511	Table 3A	NA	BF749089	12075765	MR2-BN0386-051000-014-b04 BN0386 cDNA, mRNA sequence	-1	AAGTGTGATTAGAAGCACTGGGAAGT AGCAGAGGAGGTGGAAGTTAGTCC
7512	Table 3A	NA	BF758480	12106380	MR4-CT0539-141100-003-d05 CT0539 cDNA, mRNA sequence	-1	CAGGAGTAAACAGAGCTGGTTGTGT. GATAACCTATGCTGGTGGGAGCT
7513	Table 3A	NA	BF773126	12121026	CM3-IT0048-151200-568-f08 IT0048 cDNA, mRNA sequence	-1	GGTGACTATCTACCAGGCTCCAGTA AACTCTGAACAATGTACCAGCTAA
7514	Table 3A	NA	BF773393	12121293	CM2-IT0039-191200-638-h02 IT0039 cDNA, mRNA sequence	-1	GCTTGAAGATGTCTCAACAGAAAATC ACCGACATGAGGAAGCATCACGCT
7515	Table 3A	NA	BF805164	12134153	QV1-CI0173-061100-456-f03 CI0173 cDNA, mRNA sequence	-1	TCTAGGGCAGGAACATGGCTGCAGC ATATAAAAAAGAAATTGAATCCACTT TTGT
7516	Table 3A	NA	BF818594	12156027	MR3-CI0184-201200-009-a04 CI0184 cDNA, mRNA sequence	-1	GGTGTGCCATAGGTGCCAGTAATG ACCGTTTATGCGGAAATCAATTACA
7517	Table 3A	NA	BF827734	12171909	RC6-HN0025-041200-022-F08 HN0025 cDNA, mRNA sequence	-1	TGAAGTACTATAGGACTCAATGGGAC CAGTAGCAGCTCCAAGTGGATCAC
7518	Table 3A	NA	BF845167	12201450	RC5-HT1035-271200-012-F08 HT1035 cDNA, mRNA sequence	-1	ACACGGGACCTCTTTGATCTTCTG AGAATTAATAGAGATTTTCATGGCA

Table 8

7519	Table 3A	NA	BF869167	12259297	IL5-ET0119-181000-181-b11 ET0119 cDNA, mRNA sequence	-1	CCTAAAGGAGAAAGATGACTAGGGT CACACTTGAGATTTGCCAGGTGGG
7520	Table 3A	NA	BF875575	12265705	QV3-ET0100-111100-391-c02 ET0100 cDNA, mRNA sequence	-1	GCATCTTCTTTGAAGACGGGAAGTGT ACTTCAGGTTCTTTCTGTGTTAGC
7521	Table 3A	NA	BF877979	12268109	MRO-ET0109-171100-001-b02 ET0109 cDNA, mRNA sequence	-1	GGCTCATTTGGTTTTAAAGTCTTCTCT ATGCCATCCAGGGGAGGAGGAT
7522	Table 3A	NA	BF897042	12288501	IL2-MT0179-271100-254-C11 MT0179 cDNA, mRNA sequence	-1	GACTGTGGACACCTCTCAGTGTGTCT TCTTGGCAGGCAGAGCTTACTGAC
7523	Table 3A	NA	BF898285	12289744	QV1-MT0229-281100-508-e11 MT0229 cDNA, mRNA sequence	-1	GCAGGGTGACAGCTTCACAGCAGG TAGGAAGAAGTAACTAAGTGGAAAC
7524	Table 3A	NA	BF899464	12290923	IL5-MT0211-011200-317-f03 MT0211 cDNA, mRNA sequence	-1	GAGCTAAAGCCGTAGGTCATTGTGAC TGTCCTGGGATGTGGATTACTCT
7525	Table 3A	Hs.324473	BF904425	12295884	40 kDa protein kinase related to rat ERK2 /cds=(134, 1180)	-1	CCAGAATGGCGCTTACAGCTCAATA TCAATGGACTTGGTGTAGCCCTGC
7526	Table 3A	NA	BF906114	12297573	IL3-MT0267-281200-425-A05 MT0267 cDNA, mRNA sequence	-1	TTTAAACCAGGCTGGAAAAGGAG GAGAGGAGGGCATTGAGAGAAG
7527	Table 3A	Hs.104679	BF926187	12323197	Homo sapiens, clone MGC:18216 IMAGE:4156235, mRNA, complete cds /cds=(2206,2373)	-1	GTGGCTTCGTAATAAGAGCAGT CACTGTGGAACCTACCAATGGCGA
7528	Table 3A	Hs.75703	BF928644	12326772	small inducible cytokine A4 (homologous to mouse Mip-1b) (SCYA4), mRNA /cds=(108,386)	-1	CACACCACAGCTGGCTGGGAGCAGA GGCTGCTGGTCTCATAGTAATCTAC
7529	Table 3A	NA	BG006820	12450386	RC4-GN0227-271100-011-d03 GN0227 cDNA, mRNA sequence	-1	TGGAGAAAATGAGAGACAGCAGTG AGTGAGAAAGTCAGCGAAAAGGAAA
7530	Table 3A	NA	F11941	706260	HSC33F051 normalized infant brain cDNA cDNA clone c-33f05, mRNA sequence	-1	ACCTACTGTTGAGATTATCCCTGT CTCCACACTGCCAGAACTTACCA
7531	Table 3A	NA	U46388	1236904	HSU46388 Human pancreatic cancer cell line Patu 8988t cDNA clone xs425, mRNA sequence	-1	CCAAATGATACTAGGATTAAGCCCA AAGCAAAGTCAAGCACCACCATGG
7532	Table 3A	NA	U75805	1938265	HSU75805 Human cDNA clone f46, mRNA sequence	-1	TCCCAGAGCAACAATAAGTCTCAAC TAATGGACAACCAACCCACTGA
7533	Table 3A	NA	W27656	1307658	36f10 Human retina cDNA randomly primed sublibrary cDNA, mRNA sequence	-1	CCACAGAATGGGCATGTAGTATTGAG ATTTGAATCATCTGCTGCCAGCC
7534	literature	Hs.99962	BC005929	13543541	proteoglycan 2, bone marrow (natural killer cell activator, eosinophil granule major basic protein) (PRG2), mRNA /cds=(857,1525)	1	TACTGGCGTCGAGCCCACTGCCTCA GAAGACTTCTTTCATCTGTTCTCA
7535	literature	Hs.46295	X14346	31182	eosinophil peroxidase (EPX), mRNA /cds=(0,2147)	1	GTTTCAAGGGACATCTTCAGAGCCAA CATCTACCTCGGGCTTTGTGAA
7536	literature	Hs.1256	J05225	179076	arylsulfatase B (ARSB), mRNA /cds=(559,2160)	1	CTACAGTTCTACCCATGACACTCAGT CCCCCTGTACTTCCCTGCACAGGA
7537	literature	Hs.728	M28129	556208	ribonuclease, RNase A family, 2 (liver, eosinophil-derived neurotoxin) (RNASE2), mRNA /cds=(71,556)	1	TAGTTGCATGTGACAACAGAGATCAA CGACGAGACCCTCCACAGTATCCG
7538	literature	Hs.889	NM_001828	6325464	Charot-Leyden crystal protein (CLC), mRNA /cds=(33,461)	1	TTGACCATAGAATCAAGCCTGAGGCT GTGAAGATGGTGAAGTGTGGAGA
7539	literature	Hs.135826	M89138	180539	chymase 1, mast cell (CMA1), mRNA /cds=(0,743)	1	CTGCTGTCTTACCCGAATCTCCCAT TACCGCCCTGGATCAACAGATC
7540	literature	Hs.334455	NM_003293	13699841	tryptase, alpha (TPS1), mRNA /cds=(17,844)	1	GTCAGTGGAGGACCAACCCCTGCTG TCCAAAACACCCTGCTTCTTCCC
7541	literature	NA	NC_001345	9625578	Human herpesvirus 4, complete genome	1	CATGCCATGCATATTTCAACTGGGCT GTCTATTTTTGACACCCAGCTTATT
7542	literature	NA	NC_001345	9625578	Human herpesvirus 4, complete genome	1	GAGAAGCACCTCAACCTGGAGACAAT TCTACTGTTCAAACAGCAGCAGCA
7543	literature	NA	NC_001345	9625578	Human herpesvirus 4, complete genome	1	ACTTGTGAGGGCATTCTCTCCGG GCACCTGGGTCACTAGGACTGTTTT
7544	literature	NA	NC_001345	9625578	Human herpesvirus 4, complete genome	1	GACAGCGTCTAGAAACCTGGCGA, CCATTGCCCTCCAGCGGGATAGAGT
7545	literature	NA	NC_001345	9625578	Human herpesvirus 4, complete genome	1	CATCCTCTGGAGCCTGACCTGTGATC GTCGCATCATAGACCCAGTAGA
7546	literature	NA	NC_001345	9625578	Human herpesvirus 4, complete genome	1	GCCTCCACAGCATCACACCATATA CCGCAAAGGAATCAGGGATGCTG
7547	literature	Hs.279852	BC004555	13528716	G protein-coupled receptor (G2A), mRNA /cds=(900,2042)	1	ACAGCCATCCTCCCTTGAGAGTCAT CAGAAAAATACATAGCAAATGT
7548	literature	NA	NC_001345	9625578	Human herpesvirus 4, complete genome	1	ACCTTCTGTTCTGAGTCTCATGCTT CAAAACCTAGTTTGATAGACAGGA
7549	literature	NA	NC_001345	9625578	Human herpesvirus 4, complete genome	1	AGATGGCTACCTCTCTGATTATGATC CTTTCTGAGAAAATGCTCAAATCT
7550	literature	NA	NC_001345	9625578	Human herpesvirus 4, complete genome	1	ATGCATCGCCGACAAGTCTTGAAATTA GGATTGTCGAAAATAGACAAGAA
7551	literature	NA	NC_001345	9625578	Human herpesvirus 4, complete genome	1	CGGGTGTGTTCAATCATCGACGGTGA CAATCCTATCTCCATCTATAATCC
7552	literature	NA	NC_001345	9625578	Human herpesvirus 4, complete genome	1	GAAGAGCGAAAATGCAATCTTCTGCTT CTTAGTAGAGACTTTACAGTCTT
7553	literature	NA	NC_001345	9625578	Human herpesvirus 4, complete genome	1	GCACATCCATCGCCCAAAGTGAAGTC TGCAAGGATGCCATTTATTGGTTG
7554	literature	NA	NC_001345	9625578	Human herpesvirus 4, complete genome	1	TCTCGGTTTACCTTTTGTGTTGTG GTTCTTTGTTCTTCTGCTGGTTGCT

Table 8

7555	literature	NA	NC_001345	9625578	Human herpesvirus 4, complete genome	1	TCTGAATACTCTACAAAACCGCTCCTT GTCTGCTCTTAAACCATCTGTGT
7556	literature	NA	NC_001345	9625578	Human herpesvirus 6, complete genome	1	TGAAGCTGACACCTGTGAACTAACT TAAACGCATGTCTCTGACTCAG
7557	literature	NA	NC_001345	9625578	Human herpesvirus 6, complete genome	1	TTCTGTTTTGGGCCAGGAACCGTCT ATAAATTGTTTTATTGACTACCG
7558	literature	NA	NC_001345	9625578	Human herpesvirus 6, complete genome	1	TAACACCGTCCAAGAAATTTTGCCGT TGTGTCCCATACTTCTCTAGGGC
7559	literature	NA	NC_001345	9625578	Human herpesvirus 6, complete genome	1	AGAAGAAGGATCAGATGGAGAGTTG AAAACCTTTAGCTGGTAAGTACATGA
7560	literature	NA	NC_001345	9625578	Human herpesvirus 6, complete genome	1	CCGATACCGGCAAGATCTGTCTGCTG GCAAACCTCGTTTTCCACCTTATGG
7561	literature	NA	NC_001664	9628290	Human herpesvirus 6, complete genome	1	CTGTGGGTCCCTCCCCTCATCTGTT ATTCCTTCCCCTCTGCCACCTGAT
7562	db mining	Hs.159568	AI382620	4195401	qz04e10.x1 cDNA, 3' end /clone=IMAGE:2020554 /clone_end=3'	1	ACTACATTTTAATTAAGATTAATGGG CATATTAGAAGTTTCTCAAAGTTAGG CT
7563	db mining	Hs.129055	NM_002540	4505490	Homo sapiens, Similar to outer dense fiber of sperm tails 2, clone MGC:9034 IMAGE:3874501, mRNA, complete cds /cds=(656,2947)	1	AAAAGGAGTGAGCTATCATCAGTGCT GTGAAATAAAAGTCTGGTGTGCCA
7564	db mining	Hs.12329	AB014597	3327207	mRNA for KIAA0697 protein, partial cds /cds=(0,2906)	1	AAAGCCACCCTGTGCCAGTCAGCA TATACAAGCTCTTAATATTCTGTT
7565	db mining	Hs.119177	NM_001659	4502202	ADP-ribosylation factor 3 (ARF3), mRNA /cds=(311,856)	1	AAATGTGGGATAACGCCGATGACTGTG ACCCTGGTTGGAAATTAACCTTTG
7566	db mining	Hs.12379	BC003378	13097227	Homo sapiens, ELAV (embryonic lethal, abnormal vision, Drosophila)-like 1 (Hu antigen R), clone MGC:5084 IMAGE:2901220, mRNA, complete cds /cds=(142,1122)	1	AACACAGAACAATTTGAGCATTGTAT TTCTCGCATCCCTTCTCGTGAGCG
7567	db mining	Hs.319886	AL589290	13243062	DKFZp451F1715_r1 cDNA, 5' end /clone=DKFZp451F1715 /clone_end=5'	1	AACCTATCAAAGCCTAGCCTAAGGGC TGCCATCTCTGTCTAAATTCTAGT
7568	db mining	Hs.315597	NM_015960	7705727	cDNA FLJ10280 fis, clone HEMBB1001288, highly similar to CGI-32 protein mRNA /cds=UNKNOWN	1	AACTGCATGGTATGAATTCAGAGTGT GACTTAAGGGTCAATTCAAAGCAG
7569	db mining	Hs.110457	AF071594	3249714	MMSET type I (WHSC1) mRNA, complete cds /cds=(29,1972)	1	ACAGACTTTGTTAATGTAGGAAATCT CTCCAAGTGGAAACGTGCTAACTT
7570	db mining	Hs.144904	NM_006311	5454137	nuclear receptor co-repressor 1 (NCOR1), mRNA /cds=(240,7562)	1	ACAGGCAATTCAGTGGACTATAATAA TAGTGGAGGGTTGAGATGTAGAGT
7571	db mining	Hs.118064	NM_022731	12232386	similar to rat nuclear ubiquitous casein kinase 2 (NUCKS), mRNA /cds=(66,557)	1	ACAGGTCACAGTGGATTTCTTTTCAA ACTGACAATGTTTAGGTTTAAGC
7572	db mining	Hs.337616	NM_000753	4502924	phosphodiesterase 3B, cGMP-inhibited (PDE3B), mRNA /cds=(0,3338)	1	ACCTCAAGCAGATGAGATTCAGGTAA TTGAAGAGGCAGATGAAGAGGAAT
7573	db mining	Hs.152049	AW962287	8152099	EST374360 cDNA	1	ACCTTCTACACCCTGGAAAATAACA TGGAGGTTTAGAGCCGTGCAAAAT
7574	db mining	Hs.115325	NM_003929	4506374	RAB7, member RAS oncogene family-like 1 (RAB7L1), mRNA /cds=(40,651)	1	ACTAAACTGTAGCCCTGAAGTCTGT TGATAGACCTTAAATAAGTGTCT
7575	db mining	Hs.119178	AK024466	10440445	mRNA for FLJ00059 protein, partial cds /cds=(2624,4057)	1	ACTGGGGTGGTGATGTTTTCGTCTG TTTTATTTTCTAACTCTGCTGAC
7576	db mining	Hs.183698	NM_000269	4557796	ribosomal protein L29 (RPL29), mRNA /cds=(29,508)	1	ACTTCATCATAATTTGGAGGGGAAGCT CTTGGAGCTGTGTGATCTCCCTGT
7577	db mining	Hs.15767	AB023166	4589541	mRNA for KIAA0949 protein, partial cds /cds=(0,2822)	1	AGAACCGAGGAAGAGAACACAAGGAA TGATTCAGATCCACCTTGAGAGGA
7578	db mining	Hs.108104	NM_003347	4507788	ubiquitin-conjugating enzyme E2L3 (UBE2L3), mRNA /cds=(15,479)	1	AGAGAAATAGGCTTTCTAAGATGCTGC GATCCCGTCTGCTGCCCGTAATA
7579	db mining	Hs.183593	NM_000980	11415025	ribosomal protein L18a (RPL18A), mRNA /cds=(19,549)	1	AGCACAAGCCACGCTTACCACCAA GAGGCCCAACACCTTCTTAGGTG
7580	db mining	Hs.121044	L39061	632997	transcription factor SL1 mRNA, partial cds /cds=(0,1670)	1	AGGCCAATCACTGCTGACTAAGAATT CATTATATTGGCTTAGTACACAGA
7581	db mining	Hs.309348	NM_032472	14277125	tc93c11.x1 cDNA, 3' end /clone=IMAGE:2073716 /clone_end=3'	1	AGGGAAGATTTCTGTATACTGCTGG AGAGGAGGAATGTGTATAGTTACT
7582	db mining	Hs.16493	AK027866	14042851	cDNA FLJ14980 fis, clone PLACE4000192, weakly similar to ZINC FINGER PROTEIN 142 /cds=(114,3659)	1	AGTTTTAATACCTTAAGCTTTTTCAG ACCTAACTGCAGCCGCTTTGGGA
7583	db mining	Hs.1342	NM_001862	4502982	cytochrome c oxidase subunit Vb (COX5B), nuclear gene encoding mitochondrial protein, mRNA /cds=(21,410)	1	ATGTGCTGTAAGTTTCTTTTCCAG TAAAGACTAGCCATTGCATTGGC
7584	db mining	Hs.111076	NM_005918	5174540	malate dehydrogenase 2, NAD (mitochondrial) (MDH2), nuclear gene encoding mitochondrial protein, mRNA /cds=(86,1102)	1	ATTGTGGGTGGCTGTGGGGCGCAT CAATAAAAGCCGTCCTTGATTTTAT
7585	db mining	Hs.107476	NM_006476	5453560	ATP synthase, H+ transporting, mitochondrial F1FO, subunit g (ATP5JG), mRNA /cds=(73,384)	1	ATTTGAGTGTGTTGGACCATGTGTG ATCAGACTGCTATCTGAATAAAAT

Table 8

7586	db mining	Hs.146354	NM_005809	5902725	peroxiredoxin 2 (PRDX2), mRNA /cds=(89,685)	1	CAAGCCCACCCAGCCGCACACAGGC CTAGAGGTAACCAATAAAGTATTAG
7587	db mining	Hs.12124	NM_018127	11875212	elaC (E. coli) homolog 2 (ELAC2), mRNA /cds=(0,2480)	1	CACCAGAGACAAGCAGAGTAACAGG ATCAGTGGGTCTAAGTGTCCGAGAC
7588	db mining	Hs.154023	AB011145	3043669	mRNA for KIAA0573 protein, partial cds /cds=(0,1356)	1	CAGGAGGTAGGGATCTGGCTGAGAG GGAATAATCTGAGCAAAGGTATGAA
7589	db mining	Hs.109051	NM_031286	13775197	SH3BGL3-like protein (SH3BGL3), mRNA /cds=(71,352)	1	CAGTCCCTCTCCAGGAGGACCCTA GAGGCAATTAATGATGCTCCTGTTT
7590	db mining	Hs.125307	AA836204	2910523	od22g11.s1 cDNA /clone=IMAGE:1368740	1	CATGAGAAGTATCTGCAATAACCCCA AGTCAACATTTAGGTTTGTGTACA
7591	db mining	Hs.16803	NM_018032	8922296	LUC7 (S. cerevisiae)-like (LUC7L), mRNA /cds=(71,1048)	1	CATGTTGAGTAGGAATAAATAAATCT GATGCTGCCTCCTGAGGCTGCGGG
7592	db mining	Hs.146580	NM_001975	5803010	enolase 2, (gamma, neuronal) (ENO2), mRNA /cds=(222,1528)	1	CCACCACCTCTGTGGCATTGAAATGA GCACCTCCATTAAAGTCTGAATCA
7593	db mining	Hs.14169	AK027567	14042333	cDNA FLJ14661 fis, clone NT2RP2002710, weakly similar to SH3-BINDING PROTEIN 3BP-1 /cds=(70,2481)	1	CCATGCCGCCTCGTTGGATTGTCGG AATGTAGACAGAAATGACTGTCTCT
7594	db mining	Hs.118625	NM_000188	4504390	hexokinase 1 (HK1), nuclear gene encoding mitochondrial protein, mRNA /cds=(81,2834)	1	CCCACCGCTTTGTGAGCCGTGTCGTA TGACCTAGTAAACTTTGTACCAAT
7595	db mining	Hs.144505	NM_015653	13124762	DKFZP566F0546 protein (DKFZP566F0546), mRNA /cds=(377,1306)	1	CCCACGGGAGACTATTTACACAATT TAATACAGGAAGTCGATAATGAGG
7596	db mining	Hs.155751	NM_004889	4757811	ATP synthase, H+ transporting, mitochondrial F0 complex, subunit f, isoform 2 (ATP5J2), mRNA /cds=(27,311)	1	CCCTCCGTGAGGAACACAATCTCAAT CGTTGCTGAATCCTTTCATATCCT
7597	db mining	Hs.10267	NM_015367	7662505	MIL1 protein (MIL1), nuclear gene encoding mitochondrial protein, mRNA /cds=(71,1231)	1	CCGTGCTTTCCAGCCCTAAGGAAG GGCAGACCCGTGTCTTCCATGCC
7598	db mining	Hs.14632	BC008013	14124973	Homo sapiens, Similar to CG12113 gene product, clone IMAGE:3532726, mRNA, partial cds /cds=(0,2372)	1	CCTGAAGCACTTCACCTGGAATTGAT GTGTAGGCTTAAGGAGTATGTGAC
7599	db mining	Hs.125156	NM_001488	4503956	transcriptional adaptor 2 (ADA2, yeast homolog)-like (TADA2L), mRNA /cds=(0,1091)	1	CGCAGGCAAGAGCACTCATCAAGATA GATGTGAACAAAACCCGGAAAAATC
7600	db mining	Hs.159545	NM_013308	7019400	platelet activating receptor homolog (H963), mRNA /cds=(219,1178)	1	CGCTCAAAGGTCACAGACTTTTGC CTACCTAAAGAGACCAAGGCTTC
7601	db mining	Hs.152936	NM_004068	4757993	adaptor-related protein complex 2, mu 1 subunit (AP2M1), mRNA /cds=(135,1442)	1	CGGCCCTCAGTCCCTACTCTGCTTTGG GATAGTGTGAGCTTCATTTTGTAC
7602	db mining	Hs.110857	NM_016310	7706498	polymerase (RNA) III (DNA directed) polypeptide K (12.3 kDa) (POLR3K), mRNA /cds=(39,365)	1	CTAGTGTGTGCTTGCCTTGTCCCTCG GGGTAGATGCTTAGCTGGCAGTAT
7603	db mining	Hs.118666	NM_025207	13376805	hypothetical protein PP591 (PP591), mRNA /cds=(820,1704)	1	CTTTCAGATTCCTCTGGTCTCCGTC CGAAACGCTACCTCTTCCAGGC
7604	db mining	Hs.16390	AK024453	10440419	mRNA for FLJ00045 protein, partial cds /cds=(106,924)	1	GAAATTCACAGGCCAGGACACATCTT TTATTTATTTCAATTATGTTGGCCA
7605	db mining	Hs.109302	AA808018	2877424	nv64d09.s1 cDNA, 3' end /clone=IMAGE:1234577 /clone_end=3'	1	GACTCCCTCAACACCCAAAACCTCTA AATGCCACGGTCATCTGTTTCTAT
7606	db mining	Hs.111126	NM_004339	11038670	pituitary tumor-transforming 1 interacting protein (PTTG1IP), mRNA /cds=(210,752)	1	GAGCAGCCACAAAACCTGTAACCTCAA GGAAACCATAAAGCTTGGAGTGCC
7607	db mining	Hs.127376	NM_021645	11063982	KIAA0266 gene product (KIAA0266), mRNA /cds=(733,3033)	1	GCAGCAAACAGAGGGTCAGTCAAG GATGTTCTGACAGCCATTGTAACCT
7608	db mining	Hs.108196	NM_016095	7708366	HSPC037 protein (LOC51659), mRNA /cds=(78,635)	1	GCCAAACATGCTGACCCGTGCTTATC CTCTAAGCCCTGATCCACAATAAA
7609	db mining	Hs.117487	AF040965	2792385	unknown protein IT12 mRNA, partial cds /cds=(0,2622)	1	GCCAGTGTAAATTTCTGTCAACCACGG ACGTTTGCCTTCATGTGTAGAATT
7610	db mining	Hs.107882	NM_018171	8922576	hypothetical protein FLJ10659 (FLJ10659), mRNA /cds=(38,1000)	1	GCCAAAGCACTAGTAGAGATGCGCG ATACAGGTCTAGTTTCGGTAACCT
7611	db mining	Hs.147585	NM_024785	13376147	hypothetical protein FLJ22746 (FLJ22746), mRNA /cds=(266,1072)	1	GGCCAGATTTGACTCCAGATTCCT TTACAAAACGCACCTCATTCAATCA
7612	db mining	Hs.153357	NM_001084	4505890	procollagen-lysine, 2-oxoglutarate 5-dioxygenase 3 (PLOD3), mRNA /cds=(216,2432)	1	GGGACTCCCGCGTGAATAAATTTATTA ATGTTCCGAGTCTCACTCTGAAT
7613	db mining	Hs.148495	NM_002810	5292160	proteasome (prosome, macropain) 26S subunit, non-ATPase, 4 (PSMD4), mRNA /cds=(62,1195)	1	GGGACTGCATGGGAAGCACGGAATA TAGGGTTAGATGTGTATTATCTGTA
7614	db mining	Hs.13144	NM_014182	7661819	HSPC160 protein (HSPC160), mRNA /cds=(53,514)	1	GGGGTTCGTGCTTTGGCATCAACAA ATACTGAGGGATGGGTTTGGGAC
7615	db mining	Hs.1189	NM_001949	12659913	E2F transcription factor 3 (E2F3) mRNA, complete cds /cds=(66,1463)	1	GGGTGACCTGTTCTCTAGCTGTGATC TTACCACCTTCAAATGGGTGTAATT
7616	db mining	Hs.12284	BC001699	12804564	Homo sapiens, clone IMAGE:2989556, mRNA, partial cds /cds=(0,370)	1	GGTGTGAACGGGCTGACTTGGTGAA TTGGGCAACTCCTTATAGTGTGTG

Table 8

7617	db mining	Hs.156380	AI381581	4194382	td05e04.x1 cDNA, 3' end /clone=IMAGE:2074782 /clone_end=3'	1	GTACCACTGAATGATTTTCAGTCAATT TTGAAACCCCTTTGGAAAGAGGTG
7618	db mining	Hs.1390	BC000268	12653014	Homo sapiens, proteasome (prosome, macropain) subunit, beta type, 2, clone MGC:1664 IMAGE:3352313, mRNA, complete cds /cds=(58,663)	1	GTGAAACCCCGTCTCTGCTAAAAATA CAAAAATTAGCTGGCGTGGTGGC
7619	db mining	Hs.115808	NM_002287	11231175	leukocyte-associated Ig-like receptor 1 (LAIR1), transcript variant a, mRNA /cds=(57,920)	1	GTTCTCTGGGTTGTGCTTTACTCCAC GCATCAATAAATAATTTTGAAAGGC
7620	db mining	Hs.119960	AL117477	5911950	mRNA; cDNA DKFZp727G051 (from clone DKFZp727G051); partial cds /cds=(0,1423)	1	TACTGCCAACTGACCTTATAACCCCTC TGCACCTTCAAAAAGATTCATGGT
7621	db mining	Hs.154073	NM_005827	5032212	UDP-galactose transporter related (UGTREL1), mRNA /cds=(87,1055)	1	TCAAACAGTGACATCTCTGGGAAAA TGGACTTAATAGGAATATGGGACT
7622	db mining	Hs.11747	NM_017798	8923383	hypothetical protein FLJ20391 (FLJ20391), mRNA /cds=(9,602)	1	TCACTTCTCTGAACTGTTACTCGCT GAATGGAGTCCTGGACGACATTGG
7623	db mining	Hs.10881	AB011113	3043605	mRNA for KIAA0541 protein, partial cds /cds=(0,3484)	1	TCCACTTAATAGACTCTATGTGTGCT GAATGTTCTGTGTACATATGTGT
7624	db mining	Hs.153850	AK024476	10440465	mRNA for FLJ00069 protein, partial cds /cds=(2657,4396)	1	TCCCGCAGAGTGACAGACAGGAAG CTGGAGATGCTTTATAAAGTCACA
7625	db mining	Hs.247870	AL035694	4678462	DNA sequence from clone 33L1 on chromosome 6q14.1-15. Contains the gene for novel T-box (Brachyury) family protein. Contains ESTs, STSs, GSSs and two putative CpG islands /cds=(0,1505)	1	TCTAGCACCTTAGGAAGCTTAACCTC GTCATCATCTCAAGTATCTGCACA
7626	db mining	Hs.324648	NM_003128	4507194	cDNA FLJ13700 fis, clone PLACE2000216, highly similar to SPECTRIN BETA CHAIN, BRAIN /cds=UNKNOWN	1	TCTCCGCCATCTCCTCTGATAAACA CGAGGTGTCTGCCAGCACCCAGAG
7627	db mining	Hs.118722	NM_004480	4758407	fucosyltransferase 8 (alpha 1,6) fucosyltransferase) (FUT8), mRNA /cds=(718,2443)	1	TGATATGTTGATCAGCCTTATGTGGA AGAAGCTGTATAAAAAGAGGAGCT
7628	db mining	NA	AL134726	6602913	DKFZp547A1290_r1 cDNA, 5' end /clone=DKFZp547A1290 /clone_end=5'	1	TGCAGTATTTTCAAACCTTCTGGTCG CAAACCCATTAGTAGTTTGTGAAA
7629	db mining	Hs.166887	NM_003915	4503012	copine I (CPNE1), mRNA /cds=(156,1769)	1	TGCTGCTCTGATCCACCTTTGCTC CTGACAACCCCTCATTCAATAAAGA
7630	db mining	Hs.146324	AK023182	10434993	cDNA FLJ13120 fis, clone NT2RP3002682, highly similar to CGI- 145 protein mRNA /cds=(176,961)	1	TGGTTTGTATCGGATGTTACTAAG AGCTGAGAACAGGGCTGGACACA
7631	db mining	Hs.12436	AK026309	10439130	cDNA: FLJ22656 fis, clone HSI07655 /cds=UNKNOWN	1	TGTTCTGAATGTTGGTAGACCCTTCA TAGCTTTGTTACAATGAAACCTTG
7632	db mining	Hs.15164	NM_006333	5453582	nuclear DNA-binding protein (C1D), mRNA /cds=(117,542)	1	TGTTGATGGATGAATTTGGCATGAT GACTGTACTCTCAATAAAGCTGA
7633	db mining	Hs.130743	AA642459	2587677	ns30d01.s1 cDNA, 3' end /clone=IMAGE:1185121 /clone_end=3'	1	TTCATCCTGTGAGTGTGGGGAGGA GGAGTAGATACAGACTGAGTGAGAG
7634	db mining	Hs.16492	NM_015497	13794264	DKFZP564G2022 protein (DKFZP564G2022), mRNA /cds=(42,1709)	1	TTCATTTCTCGGGAAAGTCAAGGTTA CATCTTGACAGAGGTTGTTTGTGAGA
7635	db mining	Hs.122552	NM_016428	7705291	G-2 and S-phase expressed 1 (GTSE1), mRNA /cds=(70,2232)	1	TTCTAAGCCGAACCAAATCCTTTGCC TTGAAAGAACAGCCCTAAAGTGGT
7636	db mining	Hs.312510	AI174807	6361196	HA2528 cDNA	1	TTTGTGTTGTTGTTTTCAGATGGGTCT CCCTCTGTACCAGGCTGCAGT
7637	db mining	Hs.108258	NM_012090	10048480	actin cross-linking factor (ACF7), transcript variant 1, mRNA /cds=(51,18343)	1	TTTTGTAATCACGGACACCTCAATTA GCAAGAAGCTGAGGGAGGCTCTT
7638	db mining	Hs.111092	NM_024724	13376033	hypothetical protein FLJ22332 (FLJ22332), mRNA /cds=(275,1255)	1	CGGTGTGGAAAATGTTGCTCTTTGAG TGGCAAGAATAGAAAAATCTTCA
7639	db mining	Hs.114311	NM_003504	4502712	CDC45 (cell division cycle 45, S.cerevisiae, homolog)-like (CDC45L), mRNA /cds=(24,1724)	1	CTGAAAGCTGAGGATCGGAGCAAGT TTCTGGACGCCTTATTTCCCTCTCT
7640	db mining	Hs.11081	NM_025241	13376853	UBX domain-containing gene 1 (UBXD1), mRNA /cds=(96,1421)	1	GTTGGCCTCAGCCCTGTGGGTCTGT CTCATGCTCTCCCTGTTCTCTCCC
7641	db mining	Hs.100217	NM_005892	5174400	formin-like (FMNL), mRNA /cds=(39,1430)	1	TAGCCATACTTAGCCCTCAGCAGGAGC CTGGCCTGTAAGCTTAAAGTGCA
7642	db mining	Hs.12258	AL137728	6808258	mRNA; cDNA DKFZp434B0920 (from clone DKFZp434B0920) /cds=UNKNOWN	1	TGAGGGCTGTGCTGACCTTTGAGAG GATTTGAAATGTTCTCATATTGTGA
7643	db mining	Hs.155462	NM_005915	7427518	minichromosome maintenance deficient (mis5, S. pombe) 6 (MCM6), mRNA /cds=(81,2528)	1	TGTGTAAGAAAAGGCCCACTACTTTT AAGGTATGTGCTGTCTATTGAGC
7644	db mining	Hs.165998	NM_015640	7661625	PAI-1 mRNA-binding protein (PAI- RBP1), mRNA /cds=(85,1248)	1	TTGTTGGTAGGCACATCGTCAAGT GAAGTAGTTTTATAGGTATGGGTT
7645	db mining	Hs.164207	NM_024805	13376184	hypothetical protein FLJ21172 (FLJ21172), mRNA /cds=(138,1169)	1	TTTCTAGCTTTCCGTGATCTAAACA CAATTTGCTACACAAGTCACTGT
7646	db mining	Hs.150275	D87682	1683699	mRNA for KIAA0241 gene, partial cds /cds=(0,1568)	1	ACTGTGGCACATGTTTGTATCAGAAA GGTAGTCTCTTGTCTGGTAGT

Table 8

7647	db mining	Hs.11039	NM_024102	13129109	hypothetical protein MGC2722 (MGC2722), mRNA /cds=(69,1097)	1	CATCTTCTGCCCTGGTCCCTTTCTC TTGATGTGGAAGTCTGAATGCGAG
7648	db mining	Hs.102708	NM_015398	7661561	DKFZP434A043 protein (DKFZP434A043), mRNA /cds=(697,1425)	1	CGCTCTAATACTGCTATTCTGTTTCTC CTTTTGTGCCCTGATTGTAATCCA
7649	db mining	Hs.109646	NM_002493	4505364	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 6 (17kD, B17) (NDUFB6), mRNA /cds=(68,454)	1	CTGGAGACTGGAGAAGTAATCCACC AATGAAAGAATTCCTGATCAACA
7650	db mining	Hs.142307	AL137273	6807710	mRNA; cDNA DKFZp434i0714 (from clone DKFZp434i0714) /cds=(0,412)	1	TCAGTGTTCGGTATTCCATATCAGTG GCTTTTACTGTCAAAGATTGTGT
7651	db mining	Hs.16297	NM_005694	5031644	COX17 (yeast) homolog, cytochrome c oxidase assembly protein (COX17), mRNA /cds=(86,277)	1	TGCATGAGAGCCCTAGGATTTAAAT ATGAAATGGTGGTCTGCTGTGTGA
7652	db mining	Hs.11184	NM_017811	8923387	hypothetical protein FLJ20419 (FLJ20419), mRNA /cds=(191,907)	1	TGTGCTAAGCCTGATGAAATGTGCTC CTTCAATCTCCATGAAACCATCGT
7653	db mining	Hs.12013	NM_002940	4505558	ATP-binding cassette, sub-family E (OABP), member 1 (ABCE1), mRNA /cds=(117,1916)	1	AAATGATCTCCCTTTATTACCCTCCCA AAGTTACCAGCGTTTGAATTTA
7654	db mining	Hs.155485	NM_005339	12545382	huntingtin interacting protein 2 (HIP2), mRNA /cds=(77,679)	1	ACACACTAATGTAACCATTTATGAAG GTTGAAGTGGATTATGCAAGCA
7655	db mining	Hs.154573	AW955094	8144777	EST387164 cDNA	1	ATCAGGAGAATGTCAAAGAAGTCCTT TATGTGGATTGCCCGAGCTTCTCT
7656	db mining	Hs.142157	AF080255	5733121	lodestar protein mRNA, complete cds /cds=(30,3518)	1	ATTGTGCCACTGTTTCCAGCCTGGG CAATACAGTGAGACCCTGTCTCAA
7657	db mining	Hs.1191	AK025879	10438273	cDNA: FLJ22026 fis, clone HEP08537 /cds=UNKNOWN	1	CGTCAAAGTCAATCCCAAAACAGATA AGCCCTATGAGGATGTGAGCATCA
7658	db mining	Hs.13340	NM_003842	4504340	histone acetyltransferase 1 (HAT1), mRNA /cds=(36,1295)	1	ACGACTTGCTCAAGAGTAAAGATTAT ACTGCTCTGTACAGGAAGCTTGCA
7659	db mining	Hs.108110	NM_014034	7661591	DKFZP547E2110 protein (DKFZP547E2110), mRNA /cds=(192,806)	1	TGTTGAGAAAGGAAAAGGGCATTTG TCTAAACATGGATTCTGAGTTGTA
7660	db mining	Hs.123295	AA833793	2908561	cd81g07.s1 cDNA /clone=IMAGE:1372476	1	GTGGATGAGTAGGGAGTGGCGGAGA CAGGGACGAGATGAGCAGGGTCAAG
7661	db mining	Hs.126565	AB020668	4240210	mRNA for KIAA0861 protein, partial cds /cds=(0,2948)	1	GGTGTTCGTGTTAGTGCCAAGATTGC TTCGTTGTAGAGAGAGTTCGTTCC
7662	db mining	Hs.155174	AB007892	2887434	KIAA0432 mRNA, complete cds /cds=(0,2251)	1	ACTAGAGTCCAGGTAATAGTAGTGGA GATATGTGGAGAGCATGATAGGT
7663	db mining	Hs.116445	AA648776	2575205	ns24d11.s1 cDNA, 3' end /clone=IMAGE:1184565 /clone_end=3'	1	TTCCTGTGTGAGATTTCTGCCATTTC CTCAATCAACAAATATGCCCTTTT
7664	db mining	Hs.124933	AA825303	2898605	oc67e04.s1 cDNA, 3' end /clone=IMAGE:1354782 /clone_end=3'	1	TATACTTTGATCCCTCAGCAAGTTGT CCTCACTGTTGTGTGAACCTGTTT
7665	db mining	Hs.313267	AW295641	6702277	UI-H-BW0-aij-e-12-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729975 /clone_end=3'	1	TTTCTGAATACTTTATGACAACCTGAG TTTGCCGGGTAGAGTGGCCGTTT
7666	db mining	Hs.313203	AW293882	6700518	UI-H-BW0-aij-e-07-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729941 /clone_end=3'	1	AAACTAGAATTCGGTTCCTCAAGGT GGCTTATGACAACCAAGATCCTTT
7667	db mining	Hs.105488	AA521017	2261560	aa70f05.s1 cDNA, 3' end /clone=IMAGE:826305 /clone_end=3'	1	GGCTTCCCGCTGTGCGATCATTGTT ATGTTGTTTATATTGGAGTGT
7668	db mining	Hs.125802	AA806833	2876409	oc29b10.s1 cDNA, 3' end /clone=IMAGE:1351099 /clone_end=3'	1	ACAAAATATAAGGTGTGACTTTGGAT CCTGACTCAAACCAACAGCTGTT
7669	db mining	Hs.313274	AW295745	6702381	UI-H-BW0-aij-g-10-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730834 /clone_end=3'	1	TCAAAATCCGTTACTCTTCCACAACA ATTGAGGGTAATGGTGTTCAGTT
7670	db mining	Hs.320376	BF512113	11597325	UI-H-BW1-aij-h-04-0-UI.s1 cDNA, 3' end /clone=IMAGE:3070302 /clone_end=3'	1	GCCATTCGGCTTCTCTATTGAAAA CAGTTACCATATTCCTCCAGTT
7671	db mining	Hs.315341	BE675056	10035597	7f01f10.x1 cDNA, 3' end /clone=IMAGE:3293419 /clone_end=3'	1	ATTTGGTAGAGACGGGGTTTACCTT ATTGCCAGGCCATCATGTATCTT
7672	db mining	Hs.320407	BF512394	11597660	UI-H-BW1-amc-f-01-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069456 /clone_end=3'	1	TGTCATTTGCCCTTCCCATATAT GTAGAATTGGGCTTTTTCAACTT
7673	db mining	Hs.313347	AW297156	6703802	UI-H-BW0-aij-b-05-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731329 /clone_end=3'	1	ACAGGGAGAGACTACACACAAGCCA ACCTCAATCTCATCTTTATGCCATT
7674	db mining	Hs.123298	AA809488	2878874	ob85a10.s1 cDNA, 3' end /clone=IMAGE:1338138 /clone_end=3'	1	TCTTCTTTTGTGTGAATTAATCTTG AAATGCCGGAGAAGGGACAAATT
7675	db mining	Hs.320416	BF512570	11597749	UI-H-BW1-amf-e-12-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069791 /clone_end=3'	1	AGATAGAGTCATATTTCTATTAGCTTG GGACATGGCAGGTAAGTGTGTT
7676	db mining	Hs.309262	AI440532	4300887	CM4-NT0290-150101-684-e05 cDNA	1	AGCCTTTTGGGAGTGAGGGTTTATA TGATGTCTGATTCTGTAATACTGT
7677	db mining	Hs.313338	AW297010	6703646	UI-H-BW0-aij-d-01-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731441 /clone_end=3'	1	GCAGCCCTGAGCCTGGAATGAGACT TTTTGGTCTTTGGTGTGATGATGT

Table 8

7678	db mining	Hs.315325	BE646400	9970711	7e86c01.x1 cDNA, 3' end /clone=IMAGE:3292032 /clone_end=3'	1	CCCTCCCTATCTTTTATGGGTAATTT GATTATACACGGTGCTTGAATGT
7679	db mining	Hs.313172	AW293016	6699652	UI-H-BW0-aih-f-04-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729239 /clone_end=3'	1	TATGTCTTCTTACCCACGACCCCTA ATTTAAAATACAGATCCCTGAGGT
7680	db mining	Hs.313361	AW297413	6704049	UI-H-BW0-ais-b-09-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730208 /clone_end=3'	1	AAAACCTTGACAGTTCATTTACACAA GCACCTATCAGGTATTTGGCAGGT
7681	db mining	Hs.313365	AW297482	6704118	UI-H-BW0-aja-a-05-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730920 /clone_end=3'	1	AGTGCCCATGCTGTTTCAGATGCTCT TCTAGCTCCTGGAGATACATCAGT
7682	db mining	Hs.313358	AW297377	6704013	UI-H-BW0-air-f-11-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730381 /clone_end=3'	1	TGAGCTTCTGCTAGTAATTCCTTCAG GGGATTTCTCCATGGCCGTAAGT
7683	db mining	Hs.320474	BF513180	11598359	UI-H-BW1-amj-d-06-0-UI.s1 cDNA, 3' end /clone=IMAGE:3070115 /clone_end=3'	1	GAGGGTGTCTGCTAATGATTTCCGAA AAGTTCTTCAAACACTCCGAAGT
7684	db mining	Hs.313382	AW297707	6704343	UI-H-BW0-ajh-f-10-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731915 /clone_end=3'	1	ACCAGTGTGATGAGTTTTGACAAGAG ACAAAAGGAAAGGGTGGGAGAAGT
7685	db mining	Hs.125779	AA810831	2880442	oa76d09.s1 cDNA, 3' end /clone=IMAGE:1318193 /clone_end=3'	1	GCTGGTTGTTGCCTTTCAAGACAGCC AACTACCATTTATTCAACAGAAGT
7686	db mining	Hs.313389	AW297882	6704507	UI-H-BW0-aju-e-07-0-UI.s1 cDNA, 3' end /clone=IMAGE:2733036 /clone_end=3'	1	AGTCTGTCTATTTCTTCTCTTTAGCT CTGTCTGTTGCTCAAATTCAGT
7687	db mining	Hs.313391	AW297905	6704541	UI-H-BW0-aju-e-11-0-UI.s1 cDNA, 3' end /clone=IMAGE:2733188 /clone_end=3'	1	GCCAAAGGTGAGTCAAACACTGCTCT TCAGAAAGCAATTTATTTGAAAAGT
7688	db mining	Hs.309446	AI492055	4393058	tg12a01.x1 cDNA, 3' end /clone=IMAGE:2108520 /clone_end=3'	1	CATTGTCCCTCCCGCTGTGCTCTCAG GCAATAAATGATTTGATTTTCT
7689	db mining	Hs.313311	AW296433	6703069	UI-H-BW0-aik-a-05-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730128 /clone_end=3'	1	GGTCAGAAACAGGCCACAGAGACT CTGGAGGGTCTTCTTTGTGTTCT
7690	db mining	Hs.319887	BF507608	11590906	UI-H-BW1-ana-e-05-0-UI.s2 cDNA, 3' end /clone=IMAGE:3071720 /clone_end=3'	1	TTCAACTGCTTTGGCACTGCCATGGG TACCTGAGGATAAGAGAGATGTCT
7691	db mining	Hs.255237	AW293790	6700426	UI-H-BI2-ahp-e-08-0-UI.s1 cDNA, 3' end /clone=IMAGE:2727635 /clone_end=3'	1	GGGTTGACTAAATGCACATGGGCTTA TCTTTACCTCTCCAGAAATGTCT
7692	db mining	Hs.313363	AW297459	6704095	UI-H-BW0-ais-g-03-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730436 /clone_end=3'	1	TGCATGACCAGAAACACTGCCTGATA CAGTAAGCAGAGGTAGCTGTCTCT
7693	db mining	Hs.320367	BF512169	11597272	UI-H-BW1-amj-c-10-0-UI.s1 cDNA, 3' end /clone=IMAGE:3070074 /clone_end=3'	1	ACCTGCCAGCCAGCCCAACTATAA ACTGTGTGACACCCAAATTTATCT
7694	db mining	Hs.320440	BF512733	11597912	UI-H-BW1-amm-d-04-0-UI.s1 cDNA, 3' end /clone=IMAGE:3070494 /clone_end=3'	1	GGTTTCTGAGGTGATTCTAATATGCA GTCATGGTTAAGAACCTGTGATCT
7695	db mining	Hs.313374	AW297607	6704243	UI-H-BW0-ajg-e-04-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731854 /clone_end=3'	1	AAGCCTTGGACCAGCTTCCCGTTTCT CTCTTGTCTCCTGCCAAAAGATCT
7696	db mining	Hs.313355	AW297325	6703961	UI-H-BW0-air-a-08-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730135 /clone_end=3'	1	ACCCAAAGGATGGTGTCTCTGTCCG AGTTGAAAAGGTTTCTACCTAGCT
7697	db mining	Hs.320420	BF512599	11597778	UI-H-BW1-amf-h-07-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069925 /clone_end=3'	1	TGGTTGAATACGCAGGAACCCACACA GTACCCAGGGACTAATAAATAGCT
7698	db mining	Hs.118899	AA243283	1874128	zs13g11.s1 cDNA, 3' end /clone=IMAGE:685124 /clone_end=3'	1	TTAGGGCAGTGGAGAATCAGGGTGT ATCTAATAAATTCCTTCATGGAGCT
7699	db mining	Hs.105228	AA489212	2218814	aa57d11.s1 cDNA, 3' end /clone=IMAGE:825045 /clone_end=3'	1	GCAGATGTCTGCGTCATGGTTTATTA CTCCTGTGTTTCGTTTCAAGGAGCT
7700	db mining	Hs.297505	BF514865	11600044	UI-H-BW1-anj-f-12-0-UI.s1 cDNA, 3' end /clone=IMAGE:3082534 /clone_end=3'	1	TGCTGTATTGGAGTCCAGTAGTAC ACTGAAAATAATCCCGTAAAAGCT
7701	db mining	Hs.320492	BF513340	11598519	UI-H-BW1-amk-b-10-0-UI.s1 cDNA, 3' end /clone=IMAGE:3070050 /clone_end=3'	1	CTCCCTTCCCACCATACACACTCC CAGCTCATTTTGAATTCCTTTTCT
7702	db mining	Hs.304837	AW292802	6699438	UI-H-BW0-ajj-f-12-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729615 /clone_end=3'	1	GGTGAATTGACTGGGTTCTCTCCG ACCTCTCTTCCGTAGCAATTCCT
7703	db mining	Hs.24656	BF507762	11591060	KIAA0907 protein (KIAA0907), mRNA /cds=(26,1720)	1	ACTAATTCGGTGTCTGGCCCTGAAC ATGAAGATATAATGGACGATCCCT
7704	db mining	Hs.320460	BF512975	11598154	UI-H-BW1-amh-b-06-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069659 /clone_end=3'	1	TTAAAGGCTCAAACCTACCTCAGACA CTGCTTACCACATCCCATCCCT
7705	db mining	Hs.313384	AW297745	6704381	UI-H-BW0-aiy-b-10-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730954 /clone_end=3'	1	CCCTTTGTGAGAAGAAGCAGGTTTCC TTCTATGGATTGATGTGACCCT

Table 8

7706	db mining	Hs.105105	AA419402	2079198	zu99a12.s1 cDNA, 3' end /clone=IMAGE:746110 /clone_end=3'	1	TTCTACCCATCACACAGATTCTTCCA CTTAATAAAATCCATCACCTACCT
7707	db mining	Hs.123180	AA805419	2874169	oc13g03.s1 cDNA, 3' end /clone=IMAGE:1340788 /clone_end=3'	1	TCATTACTGTTGTGAAGGCTCTTCAA GAGAGAAAGATGAAGCTGAAACCT
7708	db mining	Hs.297396	BF515183	11600450	UI-H-BW1-ani-c-01-0-UI.s1 cDNA, 3' end /clone=IMAGE:3082728 /clone_end=3'	1	GCTGTCCGTGAAGCACTCTCAAGTC AGGAACTGAACTAAGAAGCTTACT
7709	db mining	Hs.334992	AI084211	3422634	RST20881 cDNA	1	CTCCTGTAATCCCAGCACTGGAGCTT GCAGTGAGCCAAGATCATGCCACT
7710	db mining	Hs.313273	AW295743	6702379	UI-H-BW0-ahw-g-08-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730830 /clone_end=3'	1	TTGGTCACCACACCTGGGTCTCTGAA TGCTTTGCTCTCTAAAGGTAAGT
7711	db mining	Hs.319891	BF507631	11590929	UI-H-BW1-ana-h-01-0-UI.s2 cDNA, 3' end /clone=IMAGE:3071856 /clone_end=3'	1	GCAACAATTCTTTGAAAAGTGACTCT CTAGGGTCCGGAGAATGGTGTGAT
7712	db mining	Hs.320422	BF512614	11597793	UI-H-BW1-amg-a-12-0-UI.s1 cDNA, 3' end /clone=IMAGE:3089622 /clone_end=3'	1	TCATCTCTGTAGGCTTCTCTAATCCTA TGCGGAGCCAAATATAGACGGAT
7713	db mining	Hs.319872	BF507414	11590721	UI-H-BW1-amz-a-11-0-UI.s2 cDNA, 3' end /clone=IMAGE:3071517 /clone_end=3'	1	CTTTGTATTTCAAAGAAAGTAGCCCC TTGGCTCTGATATTAGTTGCAGAT
7714	db mining	Hs.264120	AI523641	4437776	601436078F1 cDNA, 5' end /clone=IMAGE:3921187 /clone_end=5'	1	TTTAGGAGCTGACCATACATGATGAG TGATACAGCCTGTACTTTGCTCAT
7715	db mining	Hs.105284	AA491263	2220436	aa49d04.s1 cDNA, 3' end /clone=IMAGE:824283 /clone_end=3'	1	ACTGGGATGAGATGAGATTCAAGGCA CTTTTGAGGGTGTAGCTAGCCAT
7716	db mining	Hs.124376	AA831043	2904142	oc58h02.s1 cDNA, 3' end /clone=IMAGE:1353939 /clone_end=3'	1	AGGCTGTTGCTGCACGGGCTTTTCAA AAGCGACTCATTATGAAGAAGAAT
7717	db mining	Hs.309144	AI384035	4196816	td05c02.x1 cDNA, 3' end /clone=IMAGE:2074754 /clone_end=3'	1	GCACCTCCAGCCTGGGCAACAAGAGC GAAACTCTGCCTCCAATAAATAAT
7718	db mining	Hs.301325	BF514004	11599183	UI-H-BW1-amv-e-04-0-UI.s1 cDNA, 3' end /clone=IMAGE:3071311 /clone_end=3'	1	CGGGCGGTGGCGGCTGCCTGGGAG AAGATGAATCTTTCATGAGTGATTTG
7719	db mining	Hs.319904	BF507742	11591040	UI-H-BW1-anc-f-02-0-UI.s2 cDNA, 3' end /clone=IMAGE:3072122 /clone_end=3'	1	GATGGAACCTCAAGGTGCTTACGCCTT TCCTCAGTCTTACCAGGAGGCTTG
7720	db mining	Hs.320092	AI392740	4222287	tg23f02.x1 cDNA, 3' end /clone=IMAGE:2109627 /clone_end=3'	1	ACCAACCCCTATGGACAACCTTGATCTT GAACCTCTAGCTTTCAGACCTGTG
7721	db mining	Hs.313371	AW297578	6704214	UI-H-BW0-ajg-b-03-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731708 /clone_end=3'	1	AATGTAGCTGACATTGGAGCCACCGC CCATAGAAGAAGGCTAAAACCTGTG
7722	db mining	Hs.320444	BF512784	11597963	UI-H-BW1-amm-h-10-0-UI.s1 cDNA, 3' end /clone=IMAGE:3070698 /clone_end=3'	1	CTTCACTGACGATCTGAGACACTAGG CAGGTTGAAAAGGGTGGAGTGGTG
7723	db mining	Hs.320473	BF513155	11598334	UI-H-BW1-amj-b-03-0-UI.s1 cDNA, 3' end /clone=IMAGE:3070013 /clone_end=3'	1	GCCCCGGTGGTGGAAAAGTGTCTT GAATCCAATAAAAAGGAAAAGCGGTG
7724	db mining	Hs.320419	BF512597	11597776	UI-H-BW1-amf-h-05-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069921 /clone_end=3'	1	CAACAGTGGAAGAGTAGCCAGCCC ATAGGACGGAATGAAAATCAAGGTG
7725	db mining	Hs.320365	BF512157	11597260	UI-H-BW1-ami-b-10-0-UI.s1 cDNA, 3' end /clone=IMAGE:3070026 /clone_end=3'	1	CATCCTTAGATGCCAGTCTTCACTTT GGGTATTTTCTGCCTCCTCAGTG
7726	db mining	Hs.299471	BF513893	11599072	UI-H-BW1-amq-d-02-0-UI.s1 cDNA, 3' end /clone=IMAGE:3070874 /clone_end=3'	1	ACCAACAGTACCCTATTGCCACCAC AAGTAAACCAGTCCCTCACTTCTG
7727	db mining	Hs.313368	AW297544	6704180	UI-H-BW0-aja-g-01-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731200 /clone_end=3'	1	AGGCTAAATCAGAGCTTTCCTCCCCA GATAAAGGAAATTTTCCCTCCCTG
7728	db mining	Hs.105170	AA481410	2210962	zv02g12.s1 cDNA, 3' end /clone=IMAGE:746374 /clone_end=3'	1	AACCTCCAGAGGCAGGAGATTAGACA GGGATGACAGTTAAGGGGTTACTG
7729	db mining	Hs.313251	AW295130	6701766	UI-H-BW0-ait-h-08-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730495 /clone_end=3'	1	ACCTCTTGCTGTATTTACCTTTTAC TTACAAACAAGCTCATGCCACTG
7730	db mining	Hs.297392	BF514201	11599380	UI-H-BW1-ani-d-05-0-UI.s1 cDNA, 3' end /clone=IMAGE:3082401 /clone_end=3'	1	GATCAAAACAAGGCTCTTGACTTTTT GCAGGGGCAGCCTGGCAATCAATG
7731	db mining	Hs.122417	AA761212	2810142	nz20c03.s1 cDNA, 3' end /clone=IMAGE:1288324 /clone_end=3'	1	CCTAAATGTTGTCCTCAGAGATGCA CAGATGTATATGGGTAAGGAAATG
7732	db mining	Hs.297469	BF512785	11597964	UI-H-BW1-amm-h-11-0-UI.s1 cDNA, 3' end /clone=IMAGE:3070700 /clone_end=3'	1	CCAACCATAGTCATGAAGCTGCTTCT GTTCCCAATGCAATCCCATTGTGG
7733	db mining	Hs.313275	AW295750	6702386	UI-H-BW0-ahw-h-03-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730868 /clone_end=3'	1	GCTTTTCAATGCTTCCGAAACTGAGT GCTAACAGGGGCAATTAGTGTCTGG

Table 8

7734	db mining	Hs.313173	AW293031	6699667	UI-H-BW0-aih-g-10-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729299 /clone_end=3'	1	AGTTCCTGTAACAGTTAAACTTTCTT GCCAGCTCTCAGGTTATCACTGG
7735	db mining	Hs.320386	BF512295	11597474	UI-H-BW1-amb-e-03-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069388 /clone_end=3'	1	GTGTGTAAATGAGTGTGATCTTTT CTTAAAAACAGGTTTGGATTGGGG
7736	db mining	Hs.320429	BF512654	11597843	UI-H-BW1-amb-f-03-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069844 /clone_end=3'	1	AGGGTCCACAAGGAGAATATTTTCTT AAAGTAACCCCTGATTTCGGGGG
7737	db mining	Hs.123352	AA811133	2880744	oa98b10.s1 cDNA, 3' end /clone=IMAGE:1320283 /clone_end=3'	1	GCTCCCTATGCCTGTGTAGCAGAAT CTAAAAGATAATCATGTGAACGGG
7738	db mining	Hs.320389	BF512323	11597502	UI-H-BW1-amb-g-09-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069497 /clone_end=3'	1	TTGTCTTGTCTTTTATCTCCCTAT GTTTCATCTTAGTGCAGGCAGGG
7739	db mining	Hs.120563	AA741116	2779708	nz04f08.s1 cDNA, 3' end /clone=IMAGE:1286823 /clone_end=3'	1	ACAGTTGCCCTTTGAGATTCTGTATTT CTGCATGAATAAATCCATAAGGG
7740	db mining	Hs.320373	BF512098	11597310	UI-H-BW1-ami-f-12-0-UI.s1 cDNA, 3' end /clone=IMAGE:3070222 /clone_end=3'	1	GTCCTTGGAGGTAACACTTGTGATT GGAACCACTCTCAAGCTGAACGG
7741	db mining	Hs.320490	BF513327	11598506	UI-H-BW1-amb-a-07-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069998 /clone_end=3'	1	ATTCAATTCATTCAACAAGCACTT AAAAACAATGCCTGTGTGCCAGG
7742	db mining	Hs.313290	AW296074	6702710	UI-H-BW0-aiu-h-07-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730852 /clone_end=3'	1	CACACCCAGCCCCATTCAAAAGGAC TATAAAATCTACACCCAGTCACG
7743	db mining	Hs.320390	BF512330	11597509	UI-H-BW1-amb-h-05-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069537 /clone_end=3'	1	GGCATAGTAGTGCTAAACAGAGGTG GAAGTAGTGAAGGGAGTTTGAACG
7744	db mining	Hs.297397	BF507606	11590904	UI-H-BW1-ana-e-02-0-UI.s2 cDNA, 3' end /clone=IMAGE:3071714 /clone_end=3'	1	CTAGTCTGCCCCACCTCCCAAGT ATTACCCCTCCTAAGTCTGCTAG
7745	db mining	Hs.308256	AI373161	4153027	qz13a01.x1 cDNA, 3' end /clone=IMAGE:2021352 /clone_end=3'	1	AGATAAGCAGGATAAACAAGACAGGT TGGATTGTGATCAGCTCTATGGAG
7746	db mining	Hs.343303	BF513322	11598501	UI-H-BW1-amb-a-02-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069986 /clone_end=3'	1	GATGGCTAGGACAAGATGATTACAA GAGCGTGGCGGAGGGACGGCGAG
7747	db mining	Hs.301870	BF507614	11590912	UI-H-BW1-ana-f-03-0-UI.s2 cDNA, 3' end /clone=IMAGE:3071764 /clone_end=3'	1	CCGTGTCTGGATTGTGTCTTACTT CTAAAGGTGCACATCTCATAAG
7748	db mining	Hs.300479	AW452510	6993286	UI-H-BW1-ame-a-12-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069598 /clone_end=3'	1	GTATCTCTGCACCTCACTACTACCT TCACTCCTGGAGACCTGGGCAAG
7749	db mining	Hs.320387	BF512301	11597480	UI-H-BW1-amb-e-09-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069401 /clone_end=3'	1	AACACACCACCAACATTCTTCCCAT CCTTCTTACCACCAACAGCTACAAG
7750	db mining	Hs.122854	AA292626	1940611	zs57h08.r1 cDNA, 5' end /clone=IMAGE:701631 /clone_end=5'	1	ACAATTGGAGTTGGGGCTGCACCAC CTGAAGTGTGTCAACCACAGAAG
7751	db mining	Hs.300488	AW453029	6993805	UI-H-BW1-ama-c-10-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069308 /clone_end=3'	1	TTAGGGCAAAAGTCTAGTGGCGGC AGCTTCTTCTGTCTAGCTGGTTC
7752	db mining	Hs.335081	AI380942	4190807	tg18c08.x1 cDNA, 3' end /clone=IMAGE:2109134 /clone_end=3'	1	AGTGATGCTTGCCTTTTGGCTTTCT AAAGATGTCAATTTGAAACAAGTC
7753	db mining	Hs.313822	AW452916	6993692	UI-H-BW1-amb-b-02-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069267 /clone_end=3'	1	CCCAGCTTCATTAATGTGAATGGTGG CAGACACCTCTAGCTATAGAGCTC
7754	db mining	Hs.309486	AI523959	4438094	tg98f09.x1 cDNA, 3' end /clone=IMAGE:2116841 /clone_end=3'	1	GAGCCAAGATTGGGCCACTGCCTC CAGCCTGGGTGACAGAGTGAAGTCTC
7755	db mining	Hs.303926	AI084223	3422646	oy72g05.x1 cDNA, 3' end /clone=IMAGE:1671416 /clone_end=3'	1	GAGCCGAGATTGCATCACTGCCTCC AGCCTGGTCAACAGAGCGGAGACTC
7756	db mining	Hs.313170	AW292942	6699578	UI-H-BW0-aih-f-11-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729252 /clone_end=3'	1	TTCACTCATGCAGCAACATCCGCTTA ATGCCTCCTAAGTGCAGAACACTC
7757	db mining	Hs.313795	AW452553	6993329	UI-H-BW1-ame-e-11-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069788 /clone_end=3'	1	GGTCTCTTCTCTACTCTCCCTAG TAACTAACCACCAAGCCTAAATC
7758	db mining	Hs.319883	BF507567	11590865	UI-H-BW1-amb-h-08-0-UI.s1 cDNA, 3' end /clone=IMAGE:3071079 /clone_end=3'	1	TTGTTTGTGTTTATTTATTTATTTG AGGCAGCGTCTTGTCTGTTGG
7759	db mining	Hs.320476	BF513187	11598368	UI-H-BW1-amb-e-02-0-UI.s1 cDNA, 3' end /clone=IMAGE:3070155 /clone_end=3'	1	TGCCATCTTACATCTAATCAAGAGG TAGAGCTTCCCTGGTGTCTCTGTC
7760	db mining	Hs.313828	AW453000	6993776	UI-H-BW1-ama-a-05-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069200 /clone_end=3'	1	TGCTCTGCTCTTCCCAATCAAGGAA TGATGATCTTGTAAACAGAACTGC

Table 8

7761	db mining	Hs.120251	AA731386	2753542	nz86f07.s1 cDNA, 3' end /clone=IMAGE:1302373 /clone_end=3'	1	TGGCACCAACTTACACTTCCAGAAGA GAGTGGTTCAGGAAATTACTATGTC
7762	db mining	Hs.313392	AW297908	6704544	UI-H-BW0-ajn-a-04-0-UI.s1 cDNA, 3' end /clone=IMAGE:2732071 /clone_end=3'	1	AACTTTGGGAAGTGAGACTCTGTCTT GGGTTTTTGATAATAAATGTGGGC
7763	db mining	Hs.343320	BF512697	11597876	UI-H-BW1-amn-a-02-0-UI.s1 cDNA, 3' end /clone=IMAGE:3070346 /clone_end=3'	1	CCGAGAAAGTACGGCTGGAGCGGAC TGGGGAGACGGAAATATTGAGTCGC
7764	db mining	Hs.304176	AI540182	4457555	td10f04.x1 cDNA, 3' end /clone=IMAGE:2075263 /clone_end=3'	1	CGAAGAAAGAATTGGATGCAGAATTG TTGCCTAACCTGGGTGACAAGAGC
7765	db mining	Hs.320425	BF512629	11597808	UI-H-BW1-amg-c-03-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069700 /clone_end=3'	1	AGTGCCTGTGATTCCACCCCTTACC TCCCCTCAAGTGACAATGTAAGC
7766	db mining	Hs.313236	AW294711	6701347	UI-H-BW0-aim-b-12-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729808 /clone_end=3'	1	AGAAAGTTAGGAGTCGGCAACCTTAA GGAGGAGTTTCTATCATCTCTCC
7767	db mining	Hs.313379	AW297666	6704302	UI-H-BW0-ajh-c-02-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731755 /clone_end=3'	1	TGTCACAAAGATGAAGCAAGGTGGCT CAGGGAACTGCTCAGAAACCTCC
7768	db mining	Hs.123341	AA810927	2880538	oa77d07.s1 cDNA, 3' end /clone=IMAGE:1318285 /clone_end=3'	1	GCAAAGTGAAGTTTTCCCTTTGGCC CTAAATATGAAAGCAAAGCATCC
7769	db mining	Hs.313208	AW293991	6700627	UI-H-BW0-aik-h-08-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729726 /clone_end=3'	1	CCCTGTCCATCTTTTCTGTCTCTATC CAGCCTTCCCTCTCTTTTGGCC
7770	db mining	Hs.123344	AA811024	2880635	oa82g05.s1 cDNA, 3' end /clone=IMAGE:1318808 /clone_end=3'	1	CCACGGAGGGCTCCCATCTAAAGG GAGTTTAAATAACAAAGGAATGGCC
7771	db mining	Hs.320450	BF512839	11598018	UI-H-BW1-amu-e-10-0-UI.s1 cDNA, 3' end /clone=IMAGE:3071322 /clone_end=3'	1	CAATTGGTACATTTCTCGGCAACCCCT TGCCACAATTTCTCAGGAAGCC
7772	db mining	Hs.313369	AW297549	6704185	UI-H-BW0-aja-g-08-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731214 /clone_end=3'	1	AGGGTGTCCCTGTGATTTTTAAATTC ACTATCTAGCTGTCCCTATCCCCC
7773	db mining	Hs.297527	BF515924	11601103	UI-H-BW1-aaa-e-01-0-UI.s1 cDNA, 3' end /clone=IMAGE:3084001 /clone_end=3'	1	CTTATATTATGTTTTCTGTGACAAG CACCTCACCTCCCAACCCACCCC
7774	db mining	Hs.297513	BF515498	11600677	UI-H-BW1-ann-g-04-0-UI.s1 cDNA, 3' end /clone=IMAGE:3082950 /clone_end=3'	1	GAGAATTCAAATTAATGCAGAGTCC TAGGCCACCCTGGCATACCACCC
7775	db mining	Hs.105218	AA488881	2218483	aa55f06.s1 cDNA, 3' end /clone=IMAGE:824867 /clone_end=3'	1	ACAACCAATGCCTCACACTTAAGCTC CTAGAAGTCACTAGGACCAGACC
7776	db mining	Hs.309447	AI492062	4393065	tg12a11.x1 cDNA, 3' end /clone=IMAGE:2108540 /clone_end=3'	1	GCCCTCACCAGAATTCATCATGCTG GCACCTTATCTTGGACTTTCAACC
7777	db mining	Hs.309483	AI523758	4437893	tg94e10.x1 cDNA, 3' end /clone=IMAGE:2116458 /clone_end=3'	1	AGGGTAAGAGTCCAGACCTGACTG GACAATAAAGTGAGACTGTCTCTAC
7778	db mining	Hs.343333	BF515310	11600412	UI-H-BW1-ank-g-09-0-UI.s1 cDNA, 3' end /clone=IMAGE:3082577 /clone_end=3'	1	CTCCGCTGCCGCCCTCCGTAGCCAC AGCGACTTTGGAAGTGATATTTGAC
7779	db mining	Hs.309887	AI401187	4244274	tg26h10.x1 cDNA, 3' end /clone=IMAGE:2109955 /clone_end=3'	1	CCCTGGAGAAGGAGGGTGATTTATTT TCAACTTTCTGATTTACCACCGAC
7780	db mining	Hs.314730	AI523958	4438093	tg98f08.x1 cDNA, 3' end /clone=IMAGE:2116839 /clone_end=3'	1	GATTGTTTGAGCCTGGGAGTCCACA CCAGCCTGGGCTACATAGGGAGAC
7781	db mining	Hs.313337	AW297006	6703642	UI-H-BW0-ajf-c-09-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731409 /clone_end=3'	1	CTGCTCTAGACTGAGCACAGCCACTG ACAGGTGACCTTCAGAATCCTCAC
7782	db mining	Hs.116455	AA649141	2575570	ns32g12.s1 cDNA, 3' end /clone=IMAGE:1185382 /clone_end=3'	1	ACCCCTGCTTTACTGTGACAGACATA TAGTTTGTACATATAAAACCCAC
7783	db mining	Hs.123313	AA810089	2879495	od12f12.s1 cDNA, 3' end /clone=IMAGE:1367759 /clone_end=3'	1	ACCTAACAGAAATTTGGATTGGGTTT GTCTAAATACACCTGGTGGGTTA
7784	db mining	Hs.319868	BF507353	11590660	UI-H-BW1-amx-c-04-0-UI.s1 cDNA, 3' end /clone=IMAGE:3071239 /clone_end=3'	1	GCCTTTCCCAACAGTTTATGTGA TTCCCTGCCCTACCTTACCATTA
7785	db mining	Hs.123342	AA811005	2880616	oa73g11.s1 cDNA, 3' end /clone=IMAGE:1317956 /clone_end=3'	1	TCCCATTGCATGTCCGTATATTGAA AGCTGCCTCTACTTCTCTGTGTA
7786	db mining	Hs.313288	AW296061	6702697	UI-H-BW0-aiu-g-06-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730802 /clone_end=3'	1	GGCAGGGGATGAACCAGATAATTTCC AGCCCTTCTTGGTAGCTCTCTGTA
7787	db mining	Hs.308998	AI356553	4108174	qz27h12.x1 cDNA, 3' end /clone=IMAGE:2028167 /clone_end=3'	1	GCTTAGGAGTTTGGGACCAGCCTGG GTAACATAGTGAACCCCTGTCTCTA

Table 8

7788	db mining	Hs.313328	AW296796	6703432	UI-H-BW0-ajb-e-06-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731115 /clone_end=3'	1	TTGCAGCTATTTTCAAGTTGTAAGAAA TGAACCTGCAACACATAGGGCTA
7789	db mining	Hs.320462	BF512988	11598165	UI-H-BW1-amh-c-06-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069707 /clone_end=3'	1	TCTCTGGCCACAGGGATTTCCCTCCAA GCTGGAATCACCATTTCCCTTCTA
7790	db mining	Hs.297514	BF516300	11601479	UI-H-BW1-anz-e-06-0-UI.s1 cDNA, 3' end /clone=IMAGE:3084010 /clone_end=3'	1	CCCACCCACCAGTAGGTTGTGATTCA ACTGAACCATTTCAGGAGCACCTA
7791	db mining	Hs.124358	AA830650	2903749	oc52g02.s1 cDNA, 3' end /clone=IMAGE:1353362 /clone_end=3'	1	GAACCCAGCTAAGCCACACCCAGATT CTGACCCAGGGATACTCTGAAATA
7792	db mining	Hs.313345	AW297163	6703789	UI-H-BW0-ajd-a-04-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731279 /clone_end=3'	1	GTGTGTGCTGGCGTGCCTTATAGGT GTGCGTGTTCCCTGTCTGATTTTGA
7793	db mining	Hs.320484	BF513246	11598425	UI-H-BW1-amo-b-06-0-UI.s1 cDNA, 3' end /clone=IMAGE:3070426 /clone_end=3'	1	AGGAAAACCTCAGAAATAATTTCTGCC CCCTGGATTCTCTAAGATTTGTGA
7794	db mining	Hs.105130	AA482030	2209708	zu98g04.s1 cDNA, 3' end /clone=IMAGE:748070 /clone_end=3'	1	GTGGAAAGAATCCTACAACGAACAT ATTAAGTCTGCACCTAGATCTGA
7795	db mining	Hs.104176	AA214530	1813155	zr92a06.s1 cDNA, 3' end /clone=IMAGE:683122 /clone_end=3'	1	GGCCTAGGTTCCAGCAATTCAGTCATC AAGTCTTTGACAGAAATAAATGA
7796	db mining	Hs.121118	AA721101	2737236	nz67a01.s1 cDNA, 3' end /clone=IMAGE:1300488 /clone_end=3'	1	CCCCATTTGGAGTCTAGTCAAACACAG CAGCTTCTTGAGTTACCATTTGGA
7797	db mining	Hs.313313	AW296455	6703091	UI-H-BW0-aiq-c-05-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730224 /clone_end=3'	1	AAGGCTTGTAAGTGTAGGCCCTTGTGTA CTACACTGTGCTATACCTGGTAGA
7798	db mining	Hs.335116	AI524072	4438207	th01d07.x1 cDNA, 3' end /clone=IMAGE:2117005 /clone_end=3'	1	CACCTTGGGAGGCAGAGGTGAGCAG ATCACCTGAGGCCAGGAGTTTGAGA
7799	db mining	Hs.309130	AI382229	4195010	td04d04.x1 cDNA, 3' end /clone=IMAGE:2074663 /clone_end=3'	1	GGATCACTGAAGCCAGCAGTTTGAG ACCAGCCTGGGCAATAAAATGAGA
7800	db mining	Hs.297504	BF514819	11599998	UI-H-BW1-anj-b-10-0-UI.s1 cDNA, 3' end /clone=IMAGE:3082338 /clone_end=3'	1	TCAGTTGTGATGGGATTTCTTGATGG ATGAGATGTGCTGTGACAGAGA
7801	db mining	Hs.297473	BF513074	11598253	UI-H-BW1-amn-c-03-0-UI.s1 cDNA, 3' end /clone=IMAGE:3070445 /clone_end=3'	1	CCTCCTAGAAGTGAACCAAGACTGC TCCATCAGAGTTAAAGGTGTAAGA
7802	db mining	Hs.313168	AW292924	6699560	UI-H-BW0-aig-d-05-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729144 /clone_end=3'	1	GCTCACCCCTGCACCTCTCCCAA TCTGCTGCACATTTTCTCAAAGA
7803	db mining	Hs.319885	BF507583	11590881	UI-H-BW1-ana-b-03-0-UI.s2 cDNA, 3' end /clone=IMAGE:3071572 /clone_end=3'	1	TTCTGTCTCCATGTTGTGGTCAAGA TTGCCATTTGCTTCTGAGTTTCA
7804	db mining	Hs.320411	BF512514	11597693	UI-H-BW1-amc-h-10-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069570 /clone_end=3'	1	CTGGTTCTAGTGCAGTCTCCTCACTT TCCTGGTGTGTTGGTTATCTTTCA
7805	db mining	Hs.116501	AA651832	2583484	ns40b05.s1 cDNA, 3' end /clone=IMAGE:1186065 /clone_end=3'	1	TGACATGATTACCTGACTGATGTTTC TCCTCCATTAGACTGAATGCTTCA
7806	db mining	Hs.320438	BF512719	11597898	UI-H-BW1-amm-c-01-0-UI.s1 cDNA, 3' end /clone=IMAGE:3070440 /clone_end=3'	1	TGGCAAAAAGCCTAACACTGACTCAT CCCATTCTATCAGCACAAACTTCA
7807	db mining	Hs.319888	BF507612	11590910	UI-H-BW1-ana-e-12-0-UI.s2 cDNA, 3' end /clone=IMAGE:3071734 /clone_end=3'	1	GTTTACAAGGGATACTAGTTCTCTGGA GGGACGAAGGAGGCTCTGTTTGCA
7808	db mining	Hs.250726	AW298545	6705181	UI-H-BW0-ajm-g-01-0-UI.s1 cDNA, 3' end /clone=IMAGE:2732352 /clone_end=3'	1	TCCTCAACTCGGAGATTCCTGTATGG AGAGAATCAATTTCTATATTTGCA
7809	db mining	Hs.120738	AA749236	2789194	nx99c09.s1 cDNA, 3' end /clone=IMAGE:1270384 /clone_end=3'	1	ACATTTCTAGGTGTGTAGTGGTGAA GGAAAATAGTGGAAAGATGCTGCA
7810	db mining	Hs.320404	BF512350	11597616	UI-H-BW1-amc-b-01-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069264 /clone_end=3'	1	TCAGGAGGCTTGAAGACTCAAGGT TTCTACACTATGGGAAATAAGGCA
7811	db mining	Hs.319880	BF507510	11590808	UI-H-BW1-amr-c-04-0-UI.s1 cDNA, 3' end /clone=IMAGE:3070831 /clone_end=3'	1	GTTTTCACTTGTGATACTAACTATTGT TTTTCTCCCCATGCCAAGAGCA
7812	db mining	Hs.320371	BF512091	11597303	UI-H-BW1-amf-f-05-0-UI.s1 cDNA, 3' end /clone=IMAGE:3070208 /clone_end=3'	1	AGCCAAGGGAGCATATTATTCTCTTA TTTTAAACCTCTCCGTAGGCAGCA
7813	db mining	Hs.307837	AI052783	3308774	oy78h09.x1 cDNA, 3' end /clone=IMAGE:1672001 /clone_end=3'	1	AGAAGGACCCTGGTTGAGAACCAC GGTTGTATAGAAAGGAATTGAAGCA
7814	db mining	Hs.124383	AA831706	2904805	oc85b04.s1 cDNA, 3' end /clone=IMAGE:1358463 /clone_end=3'	1	TTGACTGCCATAGCCAAGAGTTAATA TAGTTGCGTTTTCTTAAGGAAGCA
7815	db mining	Hs.123304	AA809872	2879078	nz99b08.s1 cDNA, 3' end /clone=IMAGE:1303575 /clone_end=3'	1	CTTACTGTGCTTTTAGGTTTTGTTGCT TTCTGTCTGTATGCTATGTTCCA

Table 8

7816	db mining	Hs.123368	AA811539	2881150	ob45d08.s1 cDNA, 3' end /clone=IMAGE:1334319 /clone_end=3'	1	TGCAGTTAGGAGTGTGGACACTCTGC CCATCTCCATTGAATTAATTC
7817	db mining	Hs.313176	AW293164	6699800	UI-H-BW0-aii-c-01-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729448 /clone_end=3'	1	ACTTGGGTTCTATCCCCACGATAACT TGTTATGTATATGCCAATATCCCA
7818	db mining	Hs.313171	AW292976	6699612	UI-H-BW0-aih-b-08-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729055 /clone_end=3'	1	AGCTAGAAAATGTCCCTTTTTCTTCTT TGGAGTCTTTAACCAAGGCCCA
7819	db mining	Hs.343308	BF508886	11592184	UI-H-BI4-aos-a-03-0-UI.s1 cDNA, 3' end /clone=IMAGE:3085732 /clone_end=3'	1	ATCACCAATCTTATTTAGCACTGTGG ATGCCGTTTTGCAAAATGTACCCCA
7820	db mining	Hs.320468	BF513104	11598283	UI-H-BW1-amn-e-10-0-UI.s1 cDNA, 3' end /clone=IMAGE:3070555 /clone_end=3'	1	TGACTTAAGTTGGAATATCTCCTAC TACTCCCCTGTCTCCTTGACCA
7821	db mining	Hs.120585	AA743221	2782727	ny21c06.s1 cDNA, 3' end /clone=IMAGE:1272394 /clone_end=3'	1	TGTGGTTTGCAATGGTTTACTGATGA GACAGCAAAAATGAGACAGGACCA
7822	db mining	Hs.297468	BF513126	11598305	UI-H-BW1-amn-g-09-0-UI.s1 cDNA, 3' end /clone=IMAGE:3070649 /clone_end=3'	1	TGGCGAGCCAGTCTCTGGATGGGAT TCTGATCAACAGAAGTTCTCATACA
7823	db mining	Hs.313205	AW293932	6700568	UI-H-BW0-aii-b-02-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729426 /clone_end=3'	1	TGCCCATCCTTTGCTGTTTTTCTCTTT CAGTCATGCGCTATTTGGAGACA
7824	db mining	Hs.343329	BF515646	11600825	UI-H-BW1-anu-d-06-0-UI.s1 cDNA, 3' end /clone=IMAGE:3083555 /clone_end=3'	1	CTCAACCTTGGCCCTAAACTAACAGT GACAGGGAGTTCGCCAGCTCACA
7825	db mining	Hs.319906	BF507755	11591053	UI-H-BW1-anc-g-07-0-UI.s2 cDNA, 3' end /clone=IMAGE:3072180 /clone_end=3'	1	TCCTGACCGTTGACAGAGAGCTTTTA CAGAAGTCTTAGGCAGTACACACA
7826	db mining	Hs.320465	BF513053	11598232	UI-H-BW1-amn-a-06-0-UI.s1 cDNA, 3' end /clone=IMAGE:3070355 /clone_end=3'	1	AGTGTGTGGCACCAGGGATCACTG TATGAGAATTTCTGAACAACAACA
7827	db mining	Hs.320430	BF512667	11597846	UI-H-BW1-amg-f-06-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069850 /clone_end=3'	1	GCTGTAAGTCCCTTCCTTACTCATCT TCCCTCTCAAATACAACAACAACA
7828	db mining	Hs.120718	AA748539	2788497	ny05h12.s1 cDNA, 3' end /clone=IMAGE:1270919 /clone_end=3'	1	GCCAGTTGGCACCATTATGAAACAC ACCACCTTGTAACCCTGAATTA
7829	db mining	Hs.320472	BF513154	11598333	UI-H-BW1-amj-b-02-0-UI.s1 cDNA, 3' end /clone=IMAGE:3070011 /clone_end=3'	1	TCAACCTAGCACAGTGCCTGGCTGAT AGGTGTTGAATATTTCCACTCTAA
7830	db mining	Hs.319899	BF507695	11590993	UI-H-BW1-anb-h-05-0-UI.s2 cDNA, 3' end /clone=IMAGE:3071865 /clone_end=3'	1	GCAACCCCTGCCCCCTGCAAAGAGAT ATTGTGACAAAATATTTACTGAA
7831	db mining	Hs.124932	AA825273	2898575	oc67a02.s1 cDNA, 3' end /clone=IMAGE:1354730 /clone_end=3'	1	TAACATTCCTGGCACAGTCCCTGGCA TAGGGTAGATAATAATGTTGGAA
7832	db mining	Hs.313354	AW297308	6703944	UI-H-BW0-aji-h-03-0-UI.s1 cDNA, 3' end /clone=IMAGE:2732020 /clone_end=3'	1	TCTCTAACCATCAAGGAAGGTCAAGG GCCATGTATCTCTTTAGGGAGAA
7833	db mining	Hs.127178	AA938725	3096753	oc10g07.s1 cDNA, 3' end /clone=IMAGE:1340508 /clone_end=3'	1	TTCCACAAACTCAGGTGTGCAAGAAA CAATGCATTACTTTATTTTCAGAA
7834	db mining	Hs.320445	BF512786	11597965	UI-H-BW1-amh-h-12-0-UI.s1 cDNA, 3' end /clone=IMAGE:3070702 /clone_end=3'	1	CAGGAGTTTGAGACCAGCCTGGGCA ACATAGTAAGTCTCCATCTCTCAA
7835	db mining	Hs.319902	BF507708	11591006	UI-H-BW1-anc-b-02-0-UI.s2 cDNA, 3' end /clone=IMAGE:3071930 /clone_end=3'	1	TCCCTAGTCTGGAGACTCGGGAAGT AAAACAATCAATTCCTGAGCAA
7836	db mining	Hs.104348	AA251338	1886301	zs08a06.s1 cDNA, 3' end /clone=IMAGE:684562 /clone_end=3'	1	TCCTCTTCATTGGAGACCCCTCCCTG TCACAGCACAATGTGGGTAATAAA
7837	db mining	Hs.320442	BF512761	11597940	UI-H-BW1-amn-f-08-0-UI.s1 cDNA, 3' end /clone=IMAGE:3070598 /clone_end=3'	1	CAGAACAAGGCCACAGTGTGAAAG GTGCTGCTGAACAAGATAATAAA
7838	db mining	Hs.320470	BF513152	11598331	UI-H-BW1-amj-a-12-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069983 /clone_end=3'	1	GAGTCAGCAACTGGTCTCTTGGC TTGGTTGATGCTTTTGAAGTAA
7839	db mining	Hs.300359	BF516423	11601602	UI-H-BW1-aob-h-05-0-UI.s1 cDNA, 3' end /clone=IMAGE:3084512 /clone_end=3'	1	TAAGGATGTATCCCTATGGGCAGGAA ACCCAATCTAAGAACTTACAAA
7840	db mining	Hs.309152	AI392970	4222517	tg22d05.x1 cDNA, 3' end /clone=IMAGE:2109513 /clone_end=3'	1	GCCACTGCACTCCAGCCTGGGCAAC AGAGCGAGACCTTGACTCTTAAAA
7841	db mining	Hs.122448	AA761767	2810697	nz31e08.s1 cDNA, 3' end /clone=IMAGE:1289414 /clone_end=3'	1	CACAACACCCAAAAGGCTGCATTGCA TAACATGTATTTGTTGAATGAAAA
7842	db mining	Hs.319874	BF507452	11590750	UI-H-BW1-amz-e-06-0-UI.s2 cDNA, 3' end /clone=IMAGE:3071699 /clone_end=3'	1	GGGGTCTTGCTCACAGAGCTCCCA AGATGGTGGTGGGCCACTTCAAAA
7843	db mining	Hs.104177	AA214542	1813157	zr92b09.s1 cDNA, 3' end /clone=IMAGE:683129 /clone_end=3'	1	TCCCTCTATAGGTAAAAGACCTGTTT GTCTGAAATGTGTGGAACCTGTCT

Table 8

7844	db mining	Hs.104182	AA521405	2261948	aa68c06.s1 cDNA, 3' end /clone=IMAGE:826090 /clone_end=3'	1	GCTGCGGTGCTTTTTGGCATTTCAG CATGACTATATGTTTTGTAATGT
7845	db mining	Hs.255522	AW296182	6702818	UI-H-BI2-ala-c-01-0-UI.s1 cDNA, 3' end /clone=IMAGE:2728680 /clone_end=3'	1	CCGAAGGCCCGTGTGGCGCTTCTCC TATTCTGTAGAGTGGTAGTTTGTTT
7846	db mining	Hs.124928	AA765668	2816906	oa04f02.s1 cDNA, 3' end /clone=IMAGE:1303995 /clone_end=3'	1	AAAGAGGTAACGCAAGTTCTCTCTT GTAGGTCGGGCTACAGGTGACTTT
7847	db mining	Hs.320388	BF512314	11597493	UI-H-BW1-amb-f-11-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069453 /clone_end=3'	1	TGGTTCTCAGCCTGGGTGAACAGAG AAGGGTCTAATTTGGTCTTTTGT
7848	db mining	Hs.123161	AA807319	2876895	oc38b01.s1 cDNA, 3' end /clone=IMAGE:1351945 /clone_end=3'	1	TGTTCTTGGCACCTGCAGTGTGAGG CTATATCATTTCTGTTTGTTCCTT
7849	db mining	Hs.120608	AA743877	2783228	ny25b04.s1 cDNA, 3' end /clone=IMAGE:1272751 /clone_end=3'	1	TCTCATTTTCTTTTCTAGCTGTGATG CAAAGTGTGAGTGGTCCCATCTT
7850	db mining	Hs.120554	AA741010	2779602	ny99a10.s1 cDNA, 3' end /clone=IMAGE:1286394 /clone_end=3'	1	TGTCCAACCTTCCCTTTGTACAAAC AAGAATGCCTAGGGATTCAACTT
7851	db mining	Hs.330148	BE676227	10036768	xm80f05.x1 cDNA, 3' end /clone=IMAGE:2690529 /clone_end=3'	1	CAAGTGGCCCTGGTGTAAATCTTG CCCTAAATTTGTAACACATGATT
7852	db mining	Hs.120259	AA731522	2753878	nw59h09.s1 cDNA, 3' end /clone=IMAGE:1250945 /clone_end=3'	1	ACCAACCAGTGGTGTGCTGGAGCTG TCTCATACTATCTTGAGAGTCCATT
7853	db mining	Hs.124333	AA829233	2902332	od05a10.s1 cDNA, 3' end /clone=IMAGE:1358298 /clone_end=3'	1	AGCACTTGCTTTGTCCAGACATTGT CCTTAGCTCCTTTCTGTGTAATT
7854	db mining	Hs.124281	AA825840	2899152	od59d02.s1 cDNA, 3' end /clone=IMAGE:1372227 /clone_end=3'	1	TGCAGCAAAATTTGAATTTTCATAGGC CATTGAGTGTCTCTGCGATAATT
7855	db mining	Hs.120716	AA748500	2788458	ny01h10.s1 cDNA, 3' end /clone=IMAGE:1270531 /clone_end=3'	1	CCAGGAATGGAATACGCCAACCCCA GGTTAGGCACCTCTATTGCAGAATT
7856	db mining	Hs.320428	BF512663	11597842	UI-H-BW1-amb-g-02-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069842 /clone_end=3'	1	AGGAAATGGTTGAAGTCGTTTTTCT CTGTGTAGTCTCATGTTAAGCTGT
7857	db mining	Hs.123593	AA814828	2884424	ob73d07.s1 cDNA, 3' end /clone=IMAGE:1337005 /clone_end=3'	1	TGCCTGGGGAGAATTTAAATCTAA GTCGCTGGAAGTCCCTTTGTATGT
7858	db mining	Hs.120214	AA730985	2752189	nw67a04.s1 cDNA, 3' end /clone=IMAGE:1251630 /clone_end=3'	1	ACCTGTAGGAAGGGTTGTGAATATT CTGTTGCTCTGAATTATTAGCGGT
7859	db mining	Hs.123365	AA811469	2881080	ob83c11.s1 cDNA, 3' end /clone=IMAGE:1337972 /clone_end=3'	1	TGAGAGGATCTTGAGACATTCTGTG TTATTTGCCCTCTATGTTTAGGT
7860	db mining	Hs.127156	AA838155	3096268	oc10a09.s1 cDNA, 3' end /clone=IMAGE:1340440 /clone_end=3'	1	TCCCAAGCATGAGACAAGTACCACCA GTGGTTCAGGAGATGATTTTAGGT
7861	db mining	Hs.320486	BF513276	11598455	UI-H-BW1-amo-e-01-0-UI.s1 cDNA, 3' end /clone=IMAGE:3070560 /clone_end=3'	1	ACAAGACAGCAGCCTTCCCGAAATGT CACTACTAAGAATTATTCAGAGGT
7862	db mining	Hs.343330	BF514718	11599897	UI-H-BW1-ans-a-12-0-UI.s1 cDNA, 3' end /clone=IMAGE:3083063 /clone_end=3'	1	GCTGCCCAAACCTCCATTTATTTACC CTCCAACATCACTTCCCTCCTCT
7863	db mining	Hs.123584	AA814349	2883945	nz08h06.s1 cDNA, 3' end /clone=IMAGE:1287035 /clone_end=3'	1	ACATTTGCCAATGCACCTTGATGTAAA GTTGTTGAGGATGTTGACTCTCCT
7864	db mining	Hs.123376	AA811751	2881362	ob80e12.s1 cDNA, 3' end /clone=IMAGE:1337710 /clone_end=3'	1	TCCCCCTTCTAACCAAAATTTGGGA ACATCACTACTGTATATTATCCT
7865	db mining	Hs.122860	AA766374	2817612	oa36b03.s1 cDNA, 3' end /clone=IMAGE:1307021 /clone_end=3'	1	TCAAGACCCTTAGAGTAAGTTAACTC CCAAGGAAATGTAGTTAGTCCCT
7866	db mining	Hs.105268	AA490812	2210985	aa49e05.s1 cDNA, 3' end /clone=IMAGE:824288 /clone_end=3'	1	AACCCCAATCCAACCTCCCTTGATGA GGATGATCATTAAACAACATCACT
7867	db mining	Hs.297465	BF512677	11597856	UI-H-BW1-amb-g-04-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069894 /clone_end=3'	1	TTTGAAGCCTCTGGTACTTCCCTTC CCAAACCCAGTCACAGGAAACACT
7868	db mining	Hs.127167	AA938326	3096437	oc11c08.s1 cDNA, 3' end /clone=IMAGE:1340558 /clone_end=3'	1	TTGGAGGTTAACAGTATTCCTTTGAG TGGTGTGATTAAGGTGCTTTTAT
7869	db mining	Hs.123361	AA811359	2880970	ob82a07.s1 cDNA, 3' end /clone=IMAGE:1337844 /clone_end=3'	1	CCAACCTCCAGAACTGCCTATCTAAC TCATCTGTGGTGTGGAATGCTAT
7870	db mining	Hs.105282	AA491247	2220420	aa49b01.s1 cDNA, 3' end /clone=IMAGE:824233 /clone_end=3'	1	AGTGCTCTCTGCTGTTAGCATGGTT ACTAATCTTTTGGTTACTTTTCAT
7871	db mining	Hs.320385	BF512292	11597471	UI-H-BW1-amb-d-12-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069359 /clone_end=3'	1	TGACCTCAGTGTCTACTTCAGCAGAA CCTGTGGGTATATGCCTACCTCAT

Table 8

7872	db mining	Hs.105506	AA521196	2261739	aa74c04.s1 cDNA, 3' end /clone=IMAGE:826862 /clone_end=3'	1	AAGGAGAACTGTCAACTGAATCTCAA ATGCAGTCAAATGAAGAGAGGCAT
7873	db mining	Hs.124928	AA765759	2816997	oa07h05.s1 cDNA, 3' end /clone=IMAGE:1304313 /clone_end=3'	1	TTCAAGTCATTATAGGTTTGGGCATA CAGGGTTAACCTTGTGATGTACAT
7874	db mining	Hs.320488	BF513286	11598465	UI-H-BW1-amo-e-11-0-UI.s1 cDNA, 3' end /clone=IMAGE:3070580 /clone_end=3'	1	AGCAGAACCAATGTGTTTGACACTT TTCCTTCTCTGTAATGAGGTACAT
7875	db mining	Hs.122891	AA767801	2818816	oa45h09.s1 cDNA, 3' end /clone=IMAGE:1307969 /clone_end=3'	1	TGCCTGTGTGGGTCAAAGGAATCATC TATGCTAATGTAATTTGAGCCAAAT
7876	db mining	Hs.116435	AA648285	2574714	ns20d12.s1 cDNA, 3' end /clone=IMAGE:1184183 /clone_end=3'	1	ACCGAAAGCAGCATTTTCAATGTTTA ATTAATCGATGCAGGAAATTGTG
7877	db mining	Hs.300303	AW292760	6699396	UI-H-BW0-aj-c-03-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729453 /clone_end=3'	1	GTCCCTGGCCCTTCACTCTTCGTCCA GGCTCTGACCTCTTCCCTCTG
7878	db mining	Hs.123154	AA688058	2674964	nv58c04.s1 cDNA, 3' end /clone=IMAGE:1233990 /clone_end=3'	1	TGTCCGCTGTTTTACCTCACTGCTCC TGTTTATGCCCTTAACCTTCTGCTG
7879	db mining	Hs.320489	BF513296	11598475	UI-H-BW1-amo-f-11-0-UI.s1 cDNA, 3' end /clone=IMAGE:3070628 /clone_end=3'	1	GCACAAGACCTCACTTGGAAACAAGTA CCAGGCAGAAGAGACATTACCTG
7880	db mining	Hs.124353	AA830448	2903547	cc51d05.s1 cDNA, 3' end /clone=IMAGE:1353225 /clone_end=3'	1	TTTCATATCTTGGCAGTTGGATGCGG TAAGAGCCACAGAGAAACCACCTG
7881	db mining	Hs.122824	AA765319	2816557	oa01f11.s1 cDNA, 3' end /clone=IMAGE:1303725 /clone_end=3'	1	AGGACCCCTTTCATATTTCTGGCT ATATACAAGGATATCCAGACACTG
7882	db mining	Hs.124317	AA827178	2901175	ob53g04.s1 cDNA, 3' end /clone=IMAGE:1335126 /clone_end=3'	1	ACCAGGCCTAGAAATTTAGGTTCTAGG TGTAACCTATTGGCCTATCAGATG
7883	db mining	Hs.300373	AW297820	6704445	UI-H-BW0-aiy-h-04-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731230 /clone_end=3'	1	GTGCATTTTAGCAACAGACTTCCAGG TTTCAGCGCGGGCCAGGAAGGGG
7884	db mining	Hs.320464	BF513050	11598229	UI-H-BW1-amn-a-03-0-UI.s1 cDNA, 3' end /clone=IMAGE:3070349 /clone_end=3'	1	CTGTCATGCACCACCTCATCCCTCC TTCAGGGCCAGGGACAGTCCCTAG
7885	db mining	Hs.313366	AW297537	6704173	UI-H-BW0-aja-f-05-0-UI.s1 cDNA, 3' end /clone=IMAGE:2731160 /clone_end=3'	1	AGAGGAGGAGGGGGTAGAATGAATT TCATTTAAAGCTCAACCTAGTTTCAAG
7886	db mining	Hs.320427	BF512648	11597827	UI-H-BW1-amg-d-10-0-UI.s1 cDNA, 3' end /clone=IMAGE:3089762 /clone_end=3'	1	CAGTCTCCAGCTTTCTTGGCCTCCT CTGCCAACTGGATGCAAGGCTCAG
7887	db mining	Hs.252840	AW015143	5863980	UI-H-B10p-abb-e-07-0-UI.s1 cDNA, 3' end /clone=IMAGE:2711149 /clone_end=3'	1	TGGAGAGAAGGTTTGGGAAGACGAG GGGGCTGGGAGGTTTGGAAAGACAG
7888	db mining	Hs.313161	AW292801	6699437	UI-H-BW0-aj-f-11-0-UI.s1 cDNA, 3' end /clone=IMAGE:2729613 /clone_end=3'	1	CTGAAATGGGGGAAGGTGGGTTATG ACAAAGTTCATGGAGAGGCCGTAAG
7889	db mining	Hs.309124	AI380478	4190331	tf95a09.x1 cDNA, 3' end /clone=IMAGE:2107000 /clone_end=3'	1	TAAAGCGGTACGGGATTCGCCACCC TACTCCAGCAAGAAAGAGCCTGAAG
7890	db mining	Hs.120562	AA741098	2779688	ny99g07.s1 cDNA, 3' end /clone=IMAGE:1288480 /clone_end=3'	1	AGCATTCACTCTCCAAACACTCC CAGGGTTAGGTCTCTTACCTCTGC
7891	db mining	Hs.105530	AA521450	2261993	aa69d11.s1 cDNA, 3' end /clone=IMAGE:826197 /clone_end=3'	1	GGTGTGAATATTTATACGGATTGGC ATCATAAGATACCGCATACCTGC
7892	db mining	Hs.123194	AA805997	2874747	oc18g05.s1 cDNA, 3' end /clone=IMAGE:1341272 /clone_end=3'	1	ACCTTAGTCTAACTGCCTCTGTGAAA GTGGGTTGCTATAGTCTTTAAGCC
7893	db mining	Hs.122833	AA765597	2816835	oa08a10.s1 cDNA, 3' end /clone=IMAGE:1304346 /clone_end=3'	1	TGAGGTTTGATGGTGGCAGGTAATA CAGAAAGGCAAGATGTCATCTGAC
7894	db mining	Hs.313827	AW452984	6993760	UI-H-BW1-amd-g-11-0-UI.s1 cDNA, 3' end /clone=IMAGE:3069525 /clone_end=3'	1	TGGAGCTGCTACATAATTTATTCAGG TCTCAAAGCTTCCAAGAAGTGGAC
7895	db mining	Hs.122383	AA789140	2849260	aa66g10.s1 cDNA, 3' end /clone=IMAGE:825954 /clone_end=3'	1	AGACGGAACCTGAGATGTTGGATGTT GTTGATCTTAGCAACAGACTTTA
7896	db mining	Hs.120226	AA731687	2752576	nw58f05.s1 cDNA, 3' end /clone=IMAGE:1250817 /clone_end=3'	1	AGATCTGTAATCTTTGGCAAATGGAA CTCACCTGCAACGATACCTACTTA
7897	db mining	Hs.120288	AA731998	2753949	nw61b04.s1 cDNA, 3' end /clone=IMAGE:1251055 /clone_end=3'	1	GAGGACTTCCATTCCTTCCCGC ATACCTGCTGTTCTGTCTGAATTA
7898	db mining	Hs.123168	AA804519	2873650	ns28a11.s1 cDNA, 3' end /clone=IMAGE:1184924 /clone_end=3'	1	AGCTCACACCTGTTCCCTTCATGGGTC AGTTCCTTTCAATTTCACTTTTGA
7899	db mining	Hs.124369	AA830835	2903934	oc54b06.s1 cDNA, 3' end /clone=IMAGE:1353491 /clone_end=3'	1	AGCTGCTGCTTCTCTTTCAGTTGCAA ATGCAAACCTGTTATAATCTTTGA

Table 8

7900	db mining	Hs.122482	AA767335	2818350	nz65h02.s1 cDNA, 3' end /clone=IMAGE:1300371 /clone_end=3'	1	TCAATATCTGTGTCTTTTCATGAGT GGCTGTACTTGTGAAGAATTGA
7901	db mining	Hs.313287	AW296059	6702695	UI-H-BW0-alu-g-03-0-UI.s1 cDNA, 3' end /clone=IMAGE:2730798 /clone_end=3'	1	TGAGTGGACTGAGGAATGAATAGAAA ACGTGATATATGTAGAAAGCTGA
7902	db mining	Hs.120705	AA748015	2787973	nx87c05.s1 cDNA, 3' end /clone=IMAGE:1269224 /clone_end=3'	1	ACCAGCCCCTGGGAATGTTATGAGCA AATGATACTCCATGAGTAAATGA
7903	db mining	Hs.320495	BF513385	11598584	UI-H-BW1-amk-f-10-0-UI.s1 cDNA, 3' end /clone=IMAGE:3070242 /clone_end=3'	1	TCGTGTGAGTGTGAGAGACATGTTCA TTGTGAAAAGATACTCCTAGTGGA
7904	db mining	Hs.121104	AA721020	2737155	nx89f11.s1 cDNA, 3' end /clone=IMAGE:1269453 /clone_end=3'	1	TTTGTCAAATGCCTGTTCCACCATCTG TGGAAGTCATTATATGATTCAGGA
7905	db mining	Hs.124297	AA827809	2900172	od08c04.s1 cDNA, 3' end /clone=IMAGE:1367334 /clone_end=3'	1	ACACTTTTCTTCTAAGGAGAGCTTTCT TAGGCATTTCAAAGAACTTTCGA
7906	db mining	Hs.320372	BF512098	11597308	UI-H-BW1-ami-f-10-0-UI.s1 cDNA, 3' end /clone=IMAGE:3070218 /clone_end=3'	1	ACCAAATGAGTACCATCTGTTGAACA CAGGGTGGCGATCCAAGTGTTCA
7907	HUVEC cDNA	Hs.92381	AB007956	3413930	mRNA, chromosome 1 specific transcript KIAA0487 /cds=UNKNOWN	1	ACCTGACTTCCACGATAAAATGGAGA TGAGTGCAGGGGTGAGTGATATAGT
7908	HUVEC cDNA	Hs.24950	AB008109	2554613	regulator of G-protein signalling 5 (RGS5), mRNA /cds=(81,626)	1	TGCAGATTTACTCCTGACGTGTCT CATTACAGCTAAATAATAGGGCA
7909	HUVEC cDNA	Hs.306193	AB011087	3043553	hypothetical protein (LQFBS-1), mRNA /cds=(0,743)	1	ACCCTCGCCCTTCCCTCCGGTTCAG TACCTATTGTTTCTCCTTTCAAAT
7910	HUVEC cDNA	Hs.154919	AB014525	3327063	mRNA for KIAA0625 protein, partial cds /cds=(0,2377)	1	AAGAGGAAATGGCAGAAATTAAGCA GAAACAAGAAGATGGACATGGATT
7911	HUVEC cDNA	Hs.153026	AB014540	3327093	mRNA for KIAA0640 protein, partial cds /cds=(0,1812)	1	AAGAGTGTGTTGAGTGCTTGTATCAG GTGTTTTCCCTTAATAAGTAGGGAT
7912	HUVEC cDNA	Hs.24439	AB014546	3327105	ring finger protein (C3HC4 type) 8 (RNF8), mRNA /cds=(112,1569)	1	CTGCTGTCCACTTTCCTCAGGCTCT GTGAATACTTCAACCTGCTGTGAT
7913	HUVEC cDNA	Hs.155829	AB014576	3327165	mRNA for KIAA0676 protein, partial cds /cds=(0,3789)	1	TTCCCTGGATTCACTTTCCTTGGCTA GAAATTACACTGTGCTCAATGCCT
7914	HUVEC cDNA	Hs.93675	AB022718	4204189	decidual protein induced by progesterone (DEPP), mRNA /cds=(218,856)	1	AGGTCCTGCGCACCTCCTTCTCTGTG AGCTGTCAGTCTAGGTTATTTCT
7915	HUVEC cDNA	Hs.104305	AB023143	4589483	death effector filament-forming Ced-4- like apoptosis protein (DEFCAP), transcript variant B, mRNA /cds=(522,4811)	1	GAATAGGAGGGACATGGAACCATTTG CCTCTGGCTGTGTACAGGGTGAG
7916	HUVEC cDNA	Hs.103329	AB023187	14133226	KIAA0970 protein (KIAA0970), mRNA /cds=(334,2687)	1	CCTGTTAAGAAAGTGAATGTTATG GTCTCCCTCTTCCAATGAGCTTA
7917	HUVEC cDNA	Hs.155182	AB028959	5689408	KIAA1036 protein (KIAA1036), mRNA /cds=(385,1482)	1	TTTCACTTTCACACTTCATCTCATTCC TGTTGTCACTTTCGCCGAAACGA
7918	HUVEC cDNA	Hs.129218	AB028997	5689484	DNA sequence from clone RP11- 145E8 on chromosome 10. Contains the gene KIAA1074, the 3' end of the YME1L1 gene for YME1 (<i>S.cerevisiae</i>)- like 1, ESTs, STSs, GSSs and a CpG island /cds=(166,5298)	1	TCTGGATCAATAGCTTCCCTCTAGG GTCTACTGATGAGTCAAACTAAA
7919	HUVEC cDNA	Hs.8383	AB032255	6683499	bromodomain adjacent to zinc finger domain, 2B (BAZ2B), mRNA /cds=(366,6284)	1	TTTATCTACTGTGTGTTGTGGTGGCC TGTTGAGGCAAATAGATCAGATT
7920	HUVEC cDNA	Hs.15165	AB037755	7243048	novel retinal pigment epithelial gene (NORPEG), mRNA /cds=(111,3053)	1	GACATTTTGTAGGATGCCTGACGAG GTGTAGCCTTTATCTTGTTCGG
7921	HUVEC cDNA	Hs.82113	AB049113	10257384	dUTP pyrophosphatase (DUT), mRNA /cds=(29,523)	1	CCCAGTTTGTGGAAGCACAGGCAAG AGTGTTCCTTCTGGTGATTCCTCA
7922	HUVEC cDNA	Hs.8180	AF000652	2795862	syndecan binding protein (syntenin) (SDCBP), mRNA /cds=(148,1044)	1	TGTTCCCTTTCTGACTCCTCCTTGC AAACAAAATGATAGTTGACACTTT
7923	HUVEC cDNA	Hs.147916	AF000982	2580549	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 3 (DDX3), transcript variant 2, mRNA /cds=(856,2844)	1	GTGACTTGATACATTCAGCAATAGCAT TTGAGCAAGTTTTATCAGAGCA
7924	HUVEC cDNA	Hs.75058	AF002163	2290769	adaptor-related protein complex 3, delta 1 subunit (AP3D1), mRNA /cds=(209,3547)	1	TTGCTATCGACATTCCTCCGTATAAGA GAGAGACATATCACGCTGCTGCA
7925	HUVEC cDNA	Hs.42915	AF000682	2282029	ARP2 (actin-related protein 2, yeast) homolog (ACTR2), mRNA /cds=(74,1258)	1	CCTGCCAGTGTGAGAAAATCCTATTT ATGAATCCTGTGCGGTTTCTCTGG
7926	HUVEC cDNA	Hs.11538	AF006084	2282033	actin related protein 2/3 complex, subunit 1A (41 kD) (ARPC1B), mRNA /cds=(80,1198)	1	AGGGAGGGGACAGATGGGGAGCTTT TCTTACCTATTCAGGAATACGTGC
7927	HUVEC cDNA	Hs.6895	AF006086	2282037	actin related protein 2/3 complex, subunit 3 (21 kD) (ARPC3), mRNA /cds=(25,561)	1	TCAAGAATTTGGGTGGGAGAAAAGAA AGTGGGTTATCAAGGGTGATTTGA
7928	HUVEC cDNA	Hs.286027	AF010313	6468761	etoposide-induced mRNA (PIG8), mRNA /cds=(72,1151)	1	TGTGATTAGGTTGTTTTCTGTCTATT TTGAGAGACTAAAATTTGTTGGGG

Table 8

7929	HUVEC cDNA	Hs.79150	AF026291	2559007	chaperonin containing TCP1, subunit 4 (delta) (CCT4), mRNA /cgs=(0,1619)	1	TGGGCTTGGTCTTCCAGTTGGCATT GCCTGAAGTTGTATTGAAACAATT
7930	HUVEC cDNA	Hs.81452	AF030555	3158350	fatty-acid-Coenzyme A ligase, long-chain 4 (FACL4), transcript variant 2, mRNA /cgs=(508,2641)	1	AACAAGATGAGAACAGATAAAGATTG TGTGGTGTTTTGGATTTGGAGAGA
7931	HUVEC cDNA	Hs.139851	AF035752	2665791	caveolin 2 (CAV2), mRNA /cgs=(20,508)	1	TGTAGCTCCCACAAGGTTAACTTCAT TGGTAAGATTGCACGTCTCTGATT
7932	HUVEC cDNA	Hs.194709	AF037364	14030860	paraneoplastic antigen MA1 (PNMA1), mRNA /cgs=(664,1725)	1	TCACTCCCCCATTTTCATCTTTGTCA GAGAATAGTCTTGTTCATACTG
7933	HUVEC cDNA	Hs.79516	AF039658	2773159	brain acid-soluble protein 1 (BASP1), mRNA /cgs=(52,735)	1	TGGGAGTGACAAACATTTCTCATCC TACTTAGCCTACCTAGATTTCTCA
7934	HUVEC cDNA	Hs.29417	AF039942	4730928	HCF-binding transcription factor Zhangfei (ZF), mRNA /cgs=(457,1275)	1	AATGGAAGGATTAGTATGGCCTATTT TTAAAGCTGCTTTGTTAGGTTCCCT
7935	HUVEC cDNA	Hs.26232	AF044414	6136293	mannosidase, alpha, class 2C, member 1 (MAN2C1), mRNA /cgs=(56,3244)	1	CCCAGCCTAAAGCAGGGATCAGTC TTTTCTTGTGGAATAAATCCTTGA
7936	HUVEC cDNA	Hs.3776	AF062072	3668065	zinc finger protein 216 (ZNF216), mRNA /cgs=(288,929)	1	TGTGGTAATGCCTGTTTTTCATCTGTA AATAGTTAAGTATGTACACGAGGC
7937	HUVEC cDNA	Hs.74034	AF070648	3283922	clone 24651 mRNA sequence /cgs=UNKNOWN	1	AGATGCTTAGTCCCTCATGCAAATCA ATTACTGGTCCAAAAGATTGCTGA
7938	HUVEC cDNA	Hs.274230	AF074331	5052074	PAPS synthetase-2 (PAPSS2) mRNA, complete cds /cgs=(63,1907)	1	AAAAGTCTCTTCTGCTCTAGTACCA TGCTTAGTGCAAAATGATTATTTCT
7939	HUVEC cDNA	Hs.12540	AF081281	3415122	lysophospholipase 1 (LYPLA1), mRNA /cgs=(35,727)	1	AGCTATTAGGATCTTCAAGCCAGGTA ACAGGAATAATTCTGTGGTTTCAAT
7940	HUVEC cDNA	Hs.159629	AF092131	5138911	myosin IXB (MYO9B), mRNA /cgs=(0,6068)	1	TCCTGCGTCTATCCATGTGGAAATGCT GGACAATAAAGCGAGTCTGCCCA
7941	HUVEC cDNA	Hs.273385	AF105253	7532779	guanine nucleotide binding protein (G protein), alpha stimulating activity polypeptide 1 (GNAS1), mRNA /cgs=(68,1252)	1	GCCACAAAAGTCCCTCTCACTTCA GTAAAAATAAATAAACACAGCA
7942	HUVEC cDNA	Hs.2934	AF107045	5006419	ribonucleotide reductase M1 polypeptide (RRM1), mRNA /cgs=(187,2565)	1	ACTGCTTTGACTGGTGGGTCTCTAGA AGCAAACTGAGTGATAACTCATG
7943	HUVEC cDNA	Hs.158237	AF112345	6650627	integrin alpha 10 subunit (ITGA10) mRNA, complete cds /cgs=(76,3579)	1	GGCATTGTCTCTGTTTCCCAGTGGGG TGACAGTATATCAGATGGTCAGA
7944	HUVEC cDNA	Hs.183698	AF116627	7959755	ribosomal protein L29 (RPL29), mRNA /cgs=(29,508)	1	CCCTGGGTACCATTGCATGGGGGG TGGGGTCCCTCTGTGCTATTTGTAC
7945	HUVEC cDNA	Hs.2186	AF119850	7770136	Homo sapiens, eukaryotic translation elongation factor 1 gamma, clone MGC:4501 IMAGE:2964623, mRNA, complete cds /cgs=(2278,3231)	1	TCAAGTGAACATCTCTGGCCATCACC TAGCTGCCTGCACCTGCCCTTCAG
7946	HUVEC cDNA	Hs.22900	AF134891	7381111	nuclear factor (erythroid-derived 2)-like 3 (NFE2L3), mRNA /cgs=(492,1694)	1	TCTTGGCAGCCATCCTTTTTAAGAGT AAGTTGGTACTTCAAAAAGAGCA
7947	HUVEC cDNA	Hs.108258	AF141968	6273777	actin cross-linking factor (ACF7), transcript variant 1, mRNA /cgs=(51,18343)	1	AGCTAAAGAGAGGGAACCTCATCTAA GTAACATTTGCACATGATACAGCA
7948	HUVEC cDNA	Hs.11156	AF151072	7106865	hypothetical protein (LOC51255), mRNA /cgs=(0,461)	1	GCTGAGTGTGGCCCTCTGCGTCTT CCTTATTAACCTTGAATCCTCATT
7949	HUVEC cDNA	Hs.179573	AF193556	6907041	collagen, type I, alpha 2 (COL1A2), mRNA /cgs=(139,4239)	1	TGAATGATCAGAACTGACATTTAATTC ATGTTTGTCTCGCCATGCTTCTT
7950	HUVEC cDNA	Hs.41135	AF205940	8547214	endomucin-2 (LOC51705), mRNA /cgs=(78,863)	1	TCCGGGCCAAGAATTTTATCCATGA AGACTTTCCTACTTTTCTCGGTTG
7951	HUVEC cDNA	Hs.142908	AF219119	7158848	E2F-like protein (LOC51270), mRNA /cgs=(278,979)	1	GCAGAGTTCATTGTGCCCCTTAACA GTTTTCTCTGAGTTTACTGAAGAA
7952	HUVEC cDNA	Hs.154721	AF261088	9802307	aconitase 1, soluble (ACO1), mRNA /cgs=(107,2776)	1	TTATCAAGCAGAGACCTTTGTTGGGA GGCGGTTTGGGGAACACATTTCT
7953	HUVEC cDNA	Hs.76288	AF261089	9802309	calpain 2, (mII) large subunit (CAPN2), mRNA /cgs=(142,2244)	1	GGGTATGCTGCCTCTGTAATTCATG TATTCAAAGGAAAAGACACCTTGC
7954	HUVEC cDNA	Hs.152707	AJ001259	2769253	glioblastoma amplified sequence (GBAS), mRNA /cgs=(8,868)	1	TTGCTGCCCCAACATCAAGAATGTA TGTGTAAGTGTGAATAAATCTCA
7955	HUVEC cDNA	Hs.5097	AJ002308	2959871	synaptogyrin 2 (SYNGR2), mRNA /cgs=(29,703)	1	ATGCCCGGCTGGGATGCTGTTTGG AGCGGAATAAATGTTTCTCATTC
7956	HUVEC cDNA	Hs.143323	AJ243706	6572290	mRNA for RB-binding protein (rbp2h1a gene) /cgs=(757,5802)	1	AGCAGTTTGTGATATAGCAGAGGTTT AAATGTACCCCTCCCCTTTTATGCA
7957	HUVEC cDNA	Hs.1197	NM_002157	4504522	Heat shock 10kD protein 1 (chaperonin 10)	1	TGATGCTGCCATTCCTGACTGAAGTTC TGAAATCTTTCGTGATGTAATAA
7958	HUVEC cDNA	Hs.79037	BC010112	14603308	Homo sapiens, heat shock 60kD protein 1 (chaperonin), clone MGC:19755 IMAGE:3830225, mRNA, complete cds /cgs=(1705,3396)	1	AGCAGCCTTCTGTGGAGAGTGAGAA TAATTGTGTACAAAGTAGAGAAGT
7959	HUVEC cDNA	Hs.279860	AJ400717	7573518	tumor protein, translationally-controlled 1 (TPT1), mRNA /cgs=(94,612)	1	CATCTGAAGTGTGGAGCCTTACCCAT TTCATCACCTACACGGAAGTAGT

Table 8

7950	HUVEC cDNA	Hs.165563	AK024508	10440535	DNA sequence from clone RP4-591C20 on chromosome 20. Contains ESTs, STSs, GSSs and CpG islands. Contains a novel gene for a protein similar to NG26, the TPDS2L2 gene for two isoforms of tumor protein D52-like protein 2, a gene for a novel DnaJ domain protein similar to mouse and bovine cysteine string protein with two isoforms, a gene for a novel phosphoribulokinase with three isoforms, the KIAA1196 gene and the 5' part of the TOM gene for a putative mitochondrial outer membrane protein import receptor similar to yeast pre-mRNA splicing factors Prp1/Zer1 and Prp6 /cds=(0,503)	1	GCCAGGCTGGTCCGCATGGTGATC TCCGTCCTGTATGCTGAATGTTGG
7961	HUVEC cDNA	Hs.91146	AL050147	4884153	protein kinase D2 mRNA, complete cds /cds=(39,2675)	1	CTATTTCCAAGGCCCTCCCTGTTTC CCCAGCAATTAACCGGACTCATC
7962	HUVEC cDNA	Hs.66762	AL050367	4914600	mRNA; cDNA DKFZp564A026 (from clone DKFZp564A026) /cds=UNKNOWN	1	AAAGTGCCAGAATGACTCTTCTGTGC ATTCTTCTAAGAGCTGCTTGGT
7963	HUVEC cDNA	Hs.165998	AL080119	5262550	PAI-1 mRNA-binding protein (PAI-RBP1), mRNA /cds=(85,1248)	1	TTGTTGGTAGGCATCGTGTCAAGT GAAGTAGTTTTATAGGTATGGGTT
7964	HUVEC cDNA	Hs.111801	AL096723	5419856	mRNA; cDNA DKFZp564H2023 (from clone DKFZp564H2023) /cds=UNKNOWN	1	AGTCCTGTATCATCCACTTGTACTA CCTGTCTATGAAGCTCTGAGA
7965	HUVEC cDNA	Hs.89434	AL110225	5817161	drebrin 1 (DBN1), mRNA /cds=(97,2046)	1	TTGGCCGCTTCCCTACCCACAGGGC CTGACTTTTACAGCTTTTCTCTTTT
7966	HUVEC cDNA	Hs.7527	AL110239	5817182	small fragment nuclelease (DKFZP566E144), mRNA /cds=(77,790)	1	TATGACACAGCAGCTCCTTTGTAAGT ACCAGGTCATGTCCTCTTCTGGT
7967	HUVEC cDNA	Hs.187991	AL110269	5817043	DKFZP564A122 protein (DKFZP564A122), mRNA /cds=(2570,2908)	1	TTGGTGAGTTGCCAAGAAGCAATC AGCATATCTGCTTTTGCCTCTGT
7968	HUVEC cDNA	Hs.25882	AL117665	5912262	mRNA; cDNA DKFZp586M1824 (from clone DKFZp586M1824); partial cds /cds=(0,3671)	1	TGCATAGATGACCTTTGGATTATTGG ACTCTGACTATTGGGACCCCTAAAT
7969	HUVEC cDNA	Hs.17428	AL133010	6453416	RBP1-like protein (BCAA), transcript variant 2, mRNA /cds=(466,4143)	1	TGGAGCCCTAAGAAACAGAGAAAAAC AGAAATAACAACAGGAACCTGCTT
7970	HUVEC cDNA	Hs.278242	AL137300	6807762	Homo sapiens, clone MGC:3214 IMAGE:3502620, mRNA, complete cds /cds=(2066,3421)	1	CAATAGCTTGTGGGTCTGTGAAGACT GCGGTGTTGAGTTTCTCACACCC
7971	HUVEC cDNA	Hs.7378	AL137663	6807784	mRNA; cDNA DKFZp434G227 (from clone DKFZp434G227) /cds=UNKNOWN	1	TGCACTGTACTCTTTCATAGGATTG TAAAGGTGTTCTAATCCAATTGCA
7972	HUVEC cDNA	Hs.61289	AL157424	7018453	mRNA; cDNA DKFZp761E1512 (from clone DKFZp761E1512) /cds=UNKNOWN	1	TGAAGTCATTTTCATTGGGAAGGAAAG CTGCAAAAGATTATGGGGGACTAG
7973	HUVEC cDNA	Hs.240013	AL390148	9368882	mRNA; cDNA DKFZp547A166 (from clone DKFZp547A166) /cds=UNKNOWN	1	TTTCATCTGGCCACCCTCCTTAGAC TCTCCTCCCTCAAGAGTTGGAGC
7974	HUVEC cDNA	Hs.22629	AW887820	8049833	602281231F1 cDNA, 5' end /clone=IMAGE:4368943 /clone_end=5'	1	GTGTAGAATTCGGATCCAGTCATCTC ACAGAACCTTCCACTAGGGTGCCA
7975	HUVEC cDNA	Hs.333414	BE562833	9806553	hypothetical protein MGC14151 (MGC14151), mRNA /cds=(108,485)	1	CGGACCCAGTTTCTGTACCAAGGG GGAAACATGCGGGGACCCCAATGG
7976	HUVEC cDNA	NA	BE612847	9894444	601452239F1 NIH_MGC_66 cDNA clone IMAGE:3856304 5', mRNA sequence	1	TAAAGATGTCGGGTACACTTCGCCA AGGGTTAGCGTCTTTGGGCATTTT
7977	HUVEC cDNA	Hs.86412	BE876332	10325018	chromosome 9 open reading frame 5 (C9orf5), mRNA /cds=(32,2767)	1	AACACAACACTAAAACCGAACACACA CGTACTAACACACCCACGACCCAA
7978	HUVEC cDNA	Hs.285814	BE906669	10400012	sprouty (Drosophila) homolog 4 (SPRY4), mRNA /cds=(205,525)	1	CCTTCTGGTCTGCTTTTGTACCAGCA TTTTTGTGCCCTCTGTACTGTG
7979	HUVEC cDNA	Hs.113029	BF025727	10733439	ribosomal protein S25 (RPS25), mRNA /cds=(63,440)	1	GATATACGAAACACCACTGGACGA TGCGAAAAACGAGACGACATAAAGC
7980	HUVEC cDNA	Hs.263339	BF107006	10889631	602377929F1 cDNA, 5' end /clone=IMAGE:4508646 /clone_end=5'	1	TGGACAGGCATGAAAGGTTACAAATG GGAGAAAACCTCACACACGTTATGT
7981	HUVEC cDNA	Hs.182426	BF204683	11098269	601867521F1 cDNA, 5' end /clone=IMAGE:4110052 /clone_end=5'	1	GCAGGAGAGCGAGAGAGGAGAAGAA GAGGCAGGAGGGAGAAAAGAGCGTAC
7982	HUVEC cDNA	Hs.75968	BF217687	11111273	thymosin, beta 4, X chromosome (TMSB4X), mRNA /cds=(77,211)	1	CAAGAAGCAGAAGCAGCAACCAGAG ACAGAGAGACAAACGCAGAACACA
7983	HUVEC cDNA	Hs.112318	BF237710	11151628	cDNA FLJ14633 fis, clone NT2RP2000938 /cds=UNKNOWN	1	AGAGGAAAGAATAGGACCAGTGCCG AGGTATAGGGAGGAGGGCATACTAA
7984	HUVEC cDNA	Hs.293981	BF247088	11162147	Homo sapiens, clone MGC:16393 IMAGE:3939021, mRNA, complete cds /cds=(506,1900)	1	TGGAGTAAGGGCGATTGTCTCGTTA GGTAATACATCATCTTCGTGCATA

Table 8

7985	HUVEC cDNA	Hs.157850	BF303931	11250608	Homo sapiens, clone MGC:15545 IMAGE:3050745, mRNA, complete cds /cds=(1045,1623)	1	AGACAAGACGAGCAACGACAACCAC AGCAGCTCCATACACTCTGCCTCTC
7986	HUVEC cDNA	Hs.217493	D00017	219909	annexin A2 (ANXA2), mRNA /cds=(49,1058)	1	AGTGAAGTCTATGATGTGAACACTT TGCCCTCTGTGACTGTGTGATATA
7987	HUVEC cDNA	Hs.76549	D00099	219941	mRNA for Na,K-ATPase alpha-subunit, complete cds /cds=(318,3389)	1	TCACAAGACAGTCATCAGAACCAGTA AATATCCGCTGCCAGTTCGATCA
7988	HUVEC cDNA	Hs.330716	D10522	219893	cDNA FLJ14368 fis, clone HEMBA1001122 /cds=UNKNOWN	1	AAACTCCTGCTTAAGGTGTCTAATTT TCTGTGAGCACACTAAAAGCGAA
7989	HUVEC cDNA	Hs.75929	D21255	575578	mRNA for OB-cadherin-2, complete cds /cds=(476,2557)	1	CGTGCCAGATATAACTGTCTTGTGTTT AGTGAGAGACGCCCTATTCTATG
7990	HUVEC cDNA	Hs.178710	D21260	434760	clathrin, heavy polypeptide (Hc) (CLTC), mRNA /cds=(172,5199)	1	TCCCTGAGGCTTGTGTATGTTGGATA TTGTGGTGTGTTTATGATCACTGAT
7991	HUVEC cDNA	Hs.334822	D23660	432358	Homo sapiens, Similar to ribosomal protein L4, clone MGC:2986 IMAGE:3139805, mRNA, complete cds /cds=(1616,2617)	1	CAGAGAAGAACTACTACAGAGGA GAAGAAGCCTGCTGCATAAATCTT
7992	HUVEC cDNA	Hs.262823	D28500	7678803	hypothetical protein FLJ10326 (FLJ10326), mRNA /cds=(2,2296)	1	TCAGAACATAGATATGTATTCAGCTT GTCTTCAAATACGGCCAAGCAGAA
7993	HUVEC cDNA	Hs.151761	D43947	603948	KIAA0100 gene product (KIAA0100), mRNA /cds=(329,6607)	1	TTGGGGTCAAGTGAAAGGGTAGGGG GATAGTCTGATCAAGTGTGATAAA
7994	HUVEC cDNA	Hs.699	D50525	1167502	peptidylprolyl isomerase B (cyclophilin B) (PPIB), mRNA /cds=(21,671)	1	CAGCAAATCCATCTGAACGTGGAGG AGAAGCTCTCTTACTGAGGGTGC
7995	HUVEC cDNA	Hs.278607	D50911	6633996	mRNA; cDNA DKFZp434N0735 (from clone DKFZp434N0735); partial cds /cds=(0,1577)	1	CCTTCTCTCATGTGTGTAATCTGTA ATATACCATTCTCTGTGGCCTGT
7996	HUVEC cDNA	Hs.57729	D50922	1469186	Kelch-like ECH-associated protein 1 (KIAA0132), mRNA /cds=(112,1986)	1	GGATGGCACTTCCCACCGGATGGA CAGTTATTTGTGATAAGTAACCC
7997	HUVEC cDNA	Hs.240770	D59253	1060898	Homo sapiens, nuclear cap binding protein subunit 2, 20kD, clone MGC:4991 IMAGE:3458927, mRNA, complete cds /cds=(26,496)	1	TGAGTCAGTGTCTTACTGAGCTGGA AGCCTCTGAAAGTTTAAAGGCA
7998	HUVEC cDNA	Hs.155595	D63878	961447	neural precursor cell expressed, developmentally down-regulated 5 (NEDD5), mRNA /cds=(258,1343)	1	CCCACACTGCTACACTTCTGATCCCC TTTGGTTTTACTACCCAAATCTAA
7999	HUVEC cDNA	Hs.80712	D86957	1503987	septin 2 (SEPT2) mRNA, partial cds /cds=(0,1527)	1	GTGGCTTGTAGTCTGTTACGTTAAC ATGCTTTTCTAAAATTGCTTCACG
8000	HUVEC cDNA	Hs.75822	D86970	1504013	mRNA for KIAA0216 gene, complete cds /cds=(484,5229)	1	TTGTACTACTGGGCTGTGCTCTCCC CTGTTTACCAGATGTATGGAACTC
8001	HUVEC cDNA	Hs.170311	D89678	3218539	heterogeneous nuclear ribonucleoprotein D-like (HNRPDL), transcript variant 1, mRNA /cds=(580,1842)	1	TTTATGATTAGGTGACGAGTTGACAT TGAGATTGTCTTTTCCCCTGATC
8002	HUVEC cDNA	Hs.83213	J02874	178346	fatty acid binding protein 4, adipocyte (FABP4), mRNA /cds=(47,445)	1	TTGTTGTTTTCCCTGATTAGCAAGCA AGTAATTTCTCCCAAGCTGATT
8003	HUVEC cDNA	Hs.177766	J03473	337423	ADP-ribosyltransferase (NAD+; poly (ADP-ribose) polymerase) (ADPRT), mRNA /cds=(159,3203)	1	TTAGAAAACAAAAGAGCTTTCCTTCT CCAGGAATACTGAACATGGGAGCT
8004	HUVEC cDNA	Hs.155560	L10284	186522	calnexin (CANX), mRNA /cds=(89,1867)	1	CCATTGTTGTCAAATGCCCAAGTGTCC ATCAGATGTGTTCTCCATTTTCT
8005	HUVEC cDNA	Hs.75693	L13977	431320	prolylcarboxypeptidase (angiotensinase C) (PRCP), mRNA /cds=(29,1519)	1	GATGTCTGGTGCCCAATCCAGGAA GTGAGAGCCATTTCTTTGTACTGG
8006	HUVEC cDNA	Hs.539	L31610	1220360	ribosomal protein S29 (RPS29), mRNA /cds=(30,200)	1	AGTTGGACTAAATGCTCTTCTTCAG AGGATTATCCGGGGCATCTCA
8007	HUVEC cDNA	Hs.1742	L33075	536843	IQ motif containing GTPase activating protein 1 (IQGAP1), mRNA /cds=(467,5440)	1	TGAATTTACTTCCCTCAAGATTTTG GACTGCCCGTCAAGTGTGTTCTGC
8008	HUVEC cDNA	Hs.180446	L38951	893287	importin beta subunit mRNA, complete cds /cds=(337,2967)	1	AAACACATACACAAAACAGCAAAC TTCAGGTAACATTTTGGATTGCA
8009	HUVEC cDNA	Hs.79572	M11233	181179	cathepsin D (lysosomal aspartyl protease) (CTSD), mRNA /cds=(2,1240)	1	CTGAGGATGAGCTGGAAGGAGTGAG AGGGGACAAAACCCACTTGTGGGA
8010	HUVEC cDNA	Hs.273415	M11560	178350	aldolase A, fructose-bisphosphate (ALDOA), mRNA /cds=(167,1261)	1	TCTTCTTCCCTCGTGACAGTGTTGT GTGGTGTCTGTGTAATGCTAAG
8011	HUVEC cDNA	Hs.254105	M14328	182113	enolase 1, (alpha) (ENO1), mRNA /cds=(94,1398)	1	GCTAGATCCCGGTGGTTTTGTGCTC AAAATAAAAAGCCTCAGTGACCCA
8012	HUVEC cDNA	Hs.237519	M20867	183059	yz35c09.s1 cDNA, 3' end /clone=IMAGE:285040 /clone_end=3'	1	GCATGGCTAACCTGGTGATAAAAAGC AGTTATTAAGTCTACGTTTTCC
8013	HUVEC cDNA	Hs.1239	M22324	178535	alanyl (membrane) aminopeptidase (aminopeptidase N, aminopeptidase M, microsomal aminopeptidase, CD13, p150) (ANPEP), mRNA /cds=(120,3023)	1	CCGCCCTGTACCTCTTTCACCTTTC CCTAAAGACCCTAAATCTGAGGAA
8014	HUVEC cDNA	Hs.118128	M22960	190282	protective protein for beta- galactosidase (galactosialdosis) (PPGB), mRNA /cds=(6,1448)	1	GGACAGCCCCACAGGGAGGTGGTGA CGGACTGTAATTGATAGATTGATTA
8015	HUVEC cDNA	Hs.198281	M26252	338826	pyruvate kinase, muscle (PKM2), mRNA /cds=(109,1704)	1	ATTGAAGCCGACTCTGGCCCTGGCC CTTACTTGCTTCTGACTCTCTAG

Table 8

8016	HUVEC cDNA	Hs.2050	M31166	339991	pentadn-related gene, rapidly induced by IL-1 beta (PTX3), mRNA /cds=(67,1212)	1	ACTAGACTTTATGCCATGGTGCTTTC AGTTTAAATGCTGTGTCTCTGTCAG
8017	HUVEC cDNA	Hs.99853	M59849	182591	fibrillarlin (FBL), mRNA /cds=(59,1024)	1	GAGCCATATGAAGAGACCATGGCCGT GGTCGTGGGAGTGTACAGGCCACC
8018	HUVEC cDNA	Hs.283473	M64098	183891	hypothetical protein PRO2900 (PRO2900), mRNA /cds=(271,501)	1	ATAACAGACTCCAGCTCCTGGTCCAC CCGGCATGTCACTCAGCACTCTGG
8019	HUVEC cDNA	Hs.211573	M85289	184426	heparan sulfate proteoglycan 2 (perlecan) (HSPG2), mRNA /cds=(40,13221)	1	CTGGCCTCTGTGTCCTAGAAGGGAC CCTCCTGTGGTCTTTGCTTGATTT
8020	HUVEC cDNA	Hs.75103	M86400	189952	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta polypeptide (YWHAZ), mRNA /cds=(84,821)	1	CCCAAAGCTCACTTTACAAAATATTTTC CTCAGTACTTTGCAGAAAACACC
8021	HUVEC cDNA	Hs.59271	M96982	338262	U2(RNU2) small nuclear RNA auxiliary factor 1 (non-standard symbol) (U2AF1), mRNA /cds=(38,760)	1	ATGTCGTCTAGAAAGTGTGTAGTTG ATTGACCAAACCACTTCATAAGGG
8022	HUVEC cDNA	Hs.110802	NM_000552	9257255	von Willebrand factor (VWF), mRNA /cds=(310,8751)	1	CTCTGCATGTTCTGCTCTTGTGCCCT TCTGAGCCCAATAAAGGCTGAG
8023	HUVEC cDNA	Hs.274466	NM_001403	4503472	eukaryotic translation elongation factor 1 alpha 1-like 14 (EEF1A1L14), mRNA /cds=(620,1818)	1	TGCATCGTAAACCTTTTCAGAAAGGAA AGGAGAATGTTTTGTGGACACGTT
8024	HUVEC cDNA	Hs.279518	NM_001642	4502148	amyloid beta (A4) precursor-like protein 2 (APLP2), mRNA /cds=(72,2363)	1	AGCCCTATTCATGTCTACCCACTA TGCACAGATTAACCTTCACCTACA
8025	HUVEC cDNA	Hs.76224	NM_004105	9665261	EGF-containing fibulin-like extracellular matrix protein 1 (EFEMP1), transcript variant 1, mRNA /cds=(149,1630)	1	AGTGACAGTGAACCTAAGCAAATTAC CCTCTACCCAATTCTATGGAATA
8026	HUVEC cDNA	Hs.19545	NM_012193	6912383	frizzled (Drosophila) homolog 4 (FZD4), mRNA /cds=(306,1919)	1	ACACATGCCCTGAATGAATTGCTAAA TTTCAAAGGAAATGGACCTGCTT
8027	HUVEC cDNA	Hs.87125	NM_014600	7657055	EH-domain containing 3 (EHD3), mRNA /cds=(285,1892)	1	GCCACTGAACCAATCACTTTGTATGC TATGCTCCTACTGTGATGGAAAAC
8028	HUVEC cDNA	Hs.119503	NM_016091	7705432	HSPC025 (HSPC025), mRNA /cds=(33,1727)	1	ATGACCCGAAGTGTTCAGTGGATCT CAGTAAAGGATCTTTGAGGCCAGA
8029	HUVEC cDNA	Hs.7905	NM_016224	7706705	SH3 and PX domain-containing protein SH3PX1 (SH3PX1), mRNA /cds=(43,1830)	1	TTCAATGGAAAATGAGGGGTTCTCC CCACTGATATTTACATAGATGCA
8030	HUVEC cDNA	Hs.283722	NM_020151	9910251	GTT1 protein (GTT1), mRNA /cds=(553,1440)	1	GCTCCATGTTCTGACTTAGGGCAATT TGATTCGCACTTGGGGTCTGTCT
8031	HUVEC cDNA	Hs.286233	NM_020414	14251213	sperm autoantigenic protein 17 (SPA17), mRNA /cds=(1210,1665)	1	GCAGCAGCTTAAATTTCTGTATTGC AGTGTATATAGGCTTCTGTGTGT
8032	HUVEC cDNA	Hs.272822	S56985	298485	RuvB (E coli homolog)-like 1 (RUVBL1), mRNA /cds=(76,1448)	1	ACCTCCCACTTTGTCTGTACATACCTG GCCTCTGTGATTACATAGATCAGC
8033	HUVEC cDNA	Hs.279518	S60099	300168	amyloid beta (A4) precursor-like protein 2 (APLP2), mRNA /cds=(72,2363)	1	AGCCCTATTCATGTCTACCCACTA TGCACAGATTAACCTTCACCTACA
8034	HUVEC cDNA	Hs.194662	S80562	1245966	calponin 3, acidic (CNN3), mRNA /cds=(83,1072)	1	ACATGGAAGACTAAACTCATGCTTAT TGCTAAATGTGGTCTTGGCAACT
8035	HUVEC cDNA	Hs.76669	U08021	494988	nicotinamide N-methyltransferase (NNMT), mRNA /cds=(117,911)	1	AGACCCCTGTGATGCCTGTGACCTCA ATTAAGCAATTCCTTTGACCTGT
8036	HUVEC cDNA	Hs.89857	U13991	562076	TATA box binding protein (TBP)-associated factor, RNA polymerase II, H, 30kD (TAF2H), mRNA /cds=(17,673)	1	CGCACTACTTCACTGACCCACCCAA CCTAAATGACTTATCTGTGCCCA
8037	HUVEC cDNA	Hs.1516	U20982	695253	insulin-like growth factor binding protein-4 (IGFBP4) gene, promoter and complete	1	CTGTAGACTCAGTGCCAGCCACAGCT TCAGAGATTGTGCTCACATGGTAT
8038	HUVEC cDNA	Hs.183648	U22816	930342	protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (Iiprin), alpha 1 (PPFIA1), mRNA /cds=(229,3837)	1	TGACAAGGATTTTACGTTTATAAAAT TATGACAGAAGCCATGTGCCCCG
8039	HUVEC cDNA	Hs.83383	U25182	799380	thioredoxin peroxidase (antioxidant enzyme) (AOE372), mRNA /cds=(43,858)	1	GTCTGCCCTGCTGGCTGGAACCTG GTAGTGAAACAATAATCCAGATCC
8040	HUVEC cDNA	Hs.75888	U30255	984324	phosphogluconate dehydrogenase (PGD), mRNA /cds=(6,1457)	1	CTCGTCATACAATGCCTGATGGGCTC CTGTACCCTCCACGCTCCACAG
8041	HUVEC cDNA	Hs.169476	U34995	1497857	Homo sapiens, glyceraldehyde-3-phosphate dehydrogenase, clone MGC:10926 IMAGE:3628129, mRNA, complete cds /cds=(2306,3313)	1	CTAGGAGCCGCACCTTATCATGTAC CATCAATAAAGTACCCTGTGCTCA
8042	HUVEC cDNA	Hs.192023	U39067	1718194	eukaryotic translation initiation factor 3, subunit 2 (beta, 36kD) (EIF3S2), mRNA /cds=(17,994)	1	TCCGTATCCATTACTTCGACCACAG TACTTTGAATTTGAGTTGAGGCT
8043	HUVEC cDNA	Hs.155637	U47077	13570016	DNA-dependent protein kinase catalytic subunit (DNA-PKcs) mRNA, complete cds /cds=(57,12443)	1	CCAGTCTCCACACCCAAACTGTTTC TGATTTGGCTTTTACTGTTTTGTTG
8044	HUVEC cDNA	Hs.285313	U51869	2745959	core promoter element binding protein (COPEB), mRNA /cds=(117,988)	1	CTGTTGTCTCTGAGGCTGCCAGTT GTTGTGTGTACCGATGCCAGAA

Table 8

8045	HUVEC cDNA	Hs.184270	U56637	1336098	capping protein (actin filament) muscle Z-line, alpha 1 (CAPZA1), mRNA /cds=(0,860)	1	AATATAGTCAAGCAAGTTTGTCCAG GTGACCCATTGAGCTGTGTATGCA
8046	HUVEC cDNA	Hs.75064	U61234	1465773	tubulin-specific chaperone c (TBCC), mRNA /cds=(23,1063)	1	TTTGCTATTTTCGTCATGCCTTTGAGA CTGAGTCTTACTCCGTCGCCCCAG
8047	HUVEC cDNA	Hs.183684	U73824	1857236	eukaryotic translation initiation factor 4 gamma, 2 (EIF4G2), mRNA /cds=(306,3029)	1	TTGTGGGTGTGAAACAAATGGTGAGA ATTTGAATGGTCCCTCCTATTAT
8048	HUVEC cDNA	Hs.165263	U89278	1877500	early development regulator 2 (homolog of polyhomeotic 2) (EDR2), mRNA /cds=(8,1309)	1	CAGGAAGGAGGTAGGCACCTTTCTG AGCTTATTCTATTTCCACCCACAC
8049	HUVEC cDNA	Hs.334703	W29012	1308969	Homo sapiens, clone IMAGE:3875338, mRNA, partial cds /cds=(0,930)	1	GGGAGCCATCCCTCTCTACCAAGGT GGCAATGATGGAGGGAACCTTGCATG
8050	HUVEC cDNA	Hs.287820	X02761	31396	mRNA for fibronectin (FN precursor) /cds=(0,6987)	1	TGGCCCGCAACTGTAGGAACAAG CATGATCTTGTACTGTGATATTTT
8051	HUVEC cDNA	Hs.14376	X04098	28338	actin, gamma 1 (ACTG1), mRNA /cds=(74,1201)	1	GGTTTTCTACTGTTATGTGAGAACATT AGGCCCCAGCAACACGCCTATTGT
8052	HUVEC cDNA	Hs.290070	X04412	35447	gelsolin (amyloidosis, Finnish type) (GSN), mRNA /cds=(14,2362)	1	AGCCCTGCAAAAATTGAGAGTCCTTG CAAAATTGTCTAAAATGTCAGTGT
8053	HUVEC cDNA	Hs.79088	X06323	34753	mitochondrial ribosomal protein L3 (MRPL3), mRNA /cds=(76,1122)	1	TGGGGACTATAGTGCAACCTATTGG GTAAGAAACCATTGCTAAAATG
8054	HUVEC cDNA	Hs.287797	X07979	31441	mRNA for FLJ00043 protein, partial cds /cds=(0,4248)	1	ACCACTGTATGTTTACTTCTACCATT TGAGTTGCCATCTTGTTCACA
8055	HUVEC cDNA	Hs.87409	X14787	37464	thrombospondin 1 (THBS1), mRNA /cds=(111,3623)	1	TTGACCTCCATTTTTACTATTGGCCA ATACTTTTTCTAGGAATGTGCT
8056	HUVEC cDNA	Hs.82202	X53777	34198	ribosomal protein L17 (RPL17), mRNA /cds=(288,840)	1	GAGGAGGTTGCCAGAAAGAAAAGA TATCCAGAAAGAACTGAAGAAAACA
8057	HUVEC cDNA	Hs.233936	X54304	34755	myosin, light polypeptide, regulatory, non-sarcomeric (20kD) (MLCB), mRNA /cds=(114,629)	1	AACCTACCAGCCCTTCTCCCCCAATA ACTGTGGGTCTATACAGAGTCAAT
8058	HUVEC cDNA	Hs.74405	X57347	32463	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, theta polypeptide (YWHAQ), mRNA /cds=(100,837)	1	AGAGAGTTGGACCACTATTGTGTGT GCTAATCATTGACTGTAGTCCCAA
8059	HUVEC cDNA	Hs.77813	X59960	402620	sphingomyelin phosphodiesterase 1, acid lysosomal (acid sphingomyelinase) (SMPD1), mRNA /cds=(0,1889)	1	CCCTGTACTGCTGCTGCGACCTGATG CTGCCAGTCTGTTAAAATAAAGAT
8060	HUVEC cDNA	Hs.172690	X62535	30822	diacylglycerol kinase, alpha (80kD) (DGKA), mRNA /cds=(103,2310)	1	ACACACATACACACACCCCAAAACAC ATACATTGAAAGTGCCCTCATCTGA
8061	HUVEC cDNA	Hs.272822	X63527	36127	RuvB (E coli homolog)-like 1 (RUVBL1), mRNA /cds=(76,1446)	1	ACCTCCCACTTTGCTGTGACATAGT GCCTCTGTGATTACATAGATCAGC
8062	HUVEC cDNA	Hs.119529	X67698	37476	epididymal secretory protein (19.5kD) (HE1), mRNA /cds=(10,465)	1	AACAACATTAACITGTGGCCTTTTCT ACACCTGGAAATTTACTCTTGAA
8063	HUVEC cDNA	Hs.211579	X68264	433891	MUC18 gene exons 1&2 /cds=(26,1966)	1	TCTCTGCTCAATCTCTGCTTGGCTCC AAGGACCTGGGATCTCTGGTACG
8064	HUVEC cDNA	Hs.75061	X70326	38434	macrophage myristoylated alanine-rich C kinase substrate (MACMARCKS), mRNA /cds=(13,600)	1	TGCTTACTCAAGTTCAAGCTCCAG CCTGTGAATCAACTGTGTCTCTT
8065	HUVEC cDNA	Hs.31314	X72841	297903	retinoblastoma-binding protein 7 (RBBP7), mRNA /cds=(287,1564)	1	AACTTTTACTTTTTCTTCCAACAC TTCTTGATTTGGCTTTGCAGAAAT
8066	HUVEC cDNA	Hs.79088	X78659	469884	reticulocalbin 2, EF-hand calcium binding domain (RCN2), mRNA /cds=(66,1019)	1	TGGTGAGTGAATTTGACATTTGCCA AACCTTTTTTACTTTTGTAGTGATT
8067	HUVEC cDNA	Hs.7957	X79448	2326523	adenosine deaminase, RNA-specific (ADAR), transcript variant ADAR-a, mRNA /cds=(187,3867)	1	GAGTGAGGAAGACCCCAAGCATAG ACTCGGGTACTGTGATGATGGCTGC
8068	HUVEC cDNA	Hs.76206	X79981	599833	cadherin 5, type 2, VE-cadherin (vascular epithelium) (CDH5), mRNA /cds=(120,2474)	1	TGGCAAAGCCCTCACACTGCAAGG GATTGTAGATAACACTGACTTGT
8069	HUVEC cDNA	Hs.172182	Y00345	35569	poly(A)-binding protein, cytoplasmic 1 (PABPC1), mRNA /cds=(502,2403)	1	GGAAAGGAAACTTTGAACCTTATGTA CCGAGCAAATGCCAGGTCTAGCAA
8070	HUVEC cDNA	Hs.180414	Y00371	32466	hsc70 gene for 71 kd heat shock cognate protein	1	AGTTAAGATTAATCAGAAGGTCGGGG ATTGGAGCTAAGCTGCCACTGGT
8071	HUVEC cDNA	Hs.75216	Y00815	34266	protein tyrosine phosphatase, receptor type, F (PTPRF), mRNA /cds=(370,6063)	1	TTACCTTGTGATGCTAGTGCTGTAG AGTTCACTGTTGTACACAGTCTGT
8072	HUVEC cDNA	Hs.65114	Y07604	1945761	keratin 18 (KRT18), mRNA /cds=(51,1343)	1	GGGGTCTTCACATTATCATAACCTCT CCTCTAAAGGGGAGGCATTAATAA
8073	HUVEC cDNA	Hs.113503	Y08890	2253155	Homo sapiens mRNA for Ran_GTP binding protein 5 (RanBP5(Importin5) gene) /cds=(236,3529)	1	TTTCTTGTGCAATTCAGACTTAAAGC ATCGAGTTTTTACCATCTTCCACT
8074	HUVEC cDNA	Hs.44499	Y09703	4581482	pinin, desmosome associated protein (PNN), mRNA /cds=(30,2261)	1	ACATGTGCAAATAAATGTGGCTTAGA CTTGTGTGACTGCTTAAGACTAAA
8075	HUVEC cDNA	Hs.8867	Y11307	2791897	cysteine-rich, angiogenic inducer, 61 (CYR61), mRNA /cds=(80,1225)	1	AAATGTAGCTTTTGGGGAGGGAGGG GAAATGTAATACTGGAATAATTTGT

Table 8

8076	HUVEC cDNA	Hs.90061	Y12711	6759555	progesterone receptor membrane component 1 (PGRMC1), mRNA /cds=(78,665)	1	ACCCACTGCAAAGTAGTAGTCAAGT GTCTAGGTCITTTGATATTGCTCTT
8077	HUVEC cDNA	Hs.101033	Y14391	6562622	Pseudoautosomal GTP-binding protein-like (PGPL), mRNA /cds=(329,1540)	1	GCCTGCTGTGAACTGCTTCCCTCGG AATGTTTCCGTAACAGGACATTA
8078	HUVEC cDNA	Hs.24322	Y15286	2584788	ATPase, H ⁺ transporting, lysosomal (vacuolar proton pump) 9kD (ATP6H), mRNA /cds=(62,307)	1	GAAGAGCCATCTCAACAGAATCGCAC CAAACATACTTTCAGGATGAATT
8079	HUVEC cDNA	Hs.291904	Z31696	479156	accessory proteins BAP31/BAP29 (DXS1357E), mRNA /cds=(136,876)	1	AGGAGGGTGGGTGGAACAGGTGGAC TGGAGTTTCTCTTGAGGGCAATAAA
8080	HUVEC cDNA	Hs.180877	Z48950	761715	clone PP781 unknown mRNA /cds=(113,523)	1	TGCTTGATTAAGATGCCATAATAGTG CTGTATTTGCAGTGTGGGCTAAGA
8081	HUVEC cDNA	Hs.289101	Z49835	860985	glucose regulated protein, 58kD (GRP58), mRNA /cds=(0,1517)	1	TTGGGGGAAATGTTGTGGGGGTGGG GTTGAGTTGGGGGTATTTTCTAATT
8082	HUVEC cDNA	Hs.10340	AK000452	7020548	hypothetical protein FLJ20445 (FLJ20445), mRNA /cds=(334,1170)	1	AGCATGGTAAACCTGGGTTTTGTTC TATTTTTCTCCAGACAGAAATGCAA
8083	HUVEC cDNA	Hs.194676	AK001313	7022490	tumor necrosis factor receptor superfamily, member 6b, decoy (TNFRSF6B), transcript variant 2, mRNA /cds=(827,4488)	1	GGTCTCTTGACTAATCAACAAAAAG CAACCAACTTAGCCAGTTTTATT
8084	HUVEC cDNA	Hs.808	AK001364	7022577	heterogeneous nuclear ribonucleoprotein F (HNRPF), mRNA /cds=(323,1570)	1	GCCCTTGATGCTGGAGTCACATCTGT TGATAGCTGGAGAACCTTAGTTTC
8085	HUVEC cDNA	Hs.15978	AK002211	7023952	cDNA FLJ11349 fis, clone PLACE4000650, weakly similar to TUBERIN /cds=UNKNOWN	1	GCCGATCCAAGCGAGGGATTTAATC CTTACATTTTTGCCATTTGGCTC
8086	HUVEC cDNA	Hs.29692	AK021498	10432693	cDNA FLJ11438 fis, clone HEMBA1001213 /cds=UNKNOWN	1	TTCCCTGGACAGTTTGTGTGCTTAT GGTTGAGATTTATAACTGCTTGT
8087	HUVEC cDNA	Hs.109672	AK023900	10435975	Homo sapiens, Similar to sialyltransferase 7 ((alpha-N-acetylneuraminyl 2,3-betagalactosyl-1,3)-N-acetyl galactosaminide alpha-2,6-sialyltransferase) F, clone MGC:14252 IMAGE:4128833, mRNA, complete cds /cds=(128,1129)	1	GGCGGTGACTGCCACAGCTGGTT TTGTAATGATTTGTACAGGAATAAA
8088	HUVEC cDNA	Hs.25635	AK024039	10436304	cDNA FLJ13977 fis, clone Y79AA1001603, weakly similar to POLYPEPTIDE N-ACETYL GALACTOSAMINYLTRANSFERASE (EC 2.4.1.41) /cds=(418,1791)	1	TGACCATTTGGAGGGCGGGGCCCTC CTAGAAGAACCTCTTAGACAAATGG
8089	HUVEC cDNA	Hs.288967	AK024167	10436481	cDNA FLJ14105 fis, clone MAMMA1001202 /cds=UNKNOWN	1	CAGTCCTCACACCAGCCAAAGTCA GGCAAGAGCAAGAAGAAACTGA
8090	HUVEC cDNA	Hs.25001	AK024230	10436557	cDNA FLJ14168 fis, clone NT2RP2001440, highly similar to mRNA for 14-3-3gamma /cds=UNKNOWN	1	CCTCAGTGATGGAATATCATGAATGT GAGTCATTATGTAGCTGTCTGATA
8091	HUVEC cDNA	Hs.6101	AK025006	10437439	hypothetical protein MGC3178 (MGC3178), mRNA /cds=(81,1055)	1	ACACACAACCTCAGCTTTGCATCAG AGTCTTGATTTCCAAGAAATCAA
8092	HUVEC cDNA	Hs.322680	AK025200	10437664	cDNA: FLJ21547 fis, clone COL06208 /cds=UNKNOWN	1	GGAAATTCGCACCAGAGGACCCACC ACGTCTCGCTTCGACATCTTGAAC
8093	HUVEC cDNA	Hs.288081	AK025375	10437878	actin, beta (ACTB), mRNA /cds=(73,1200)	1	GGAGGCAGCCAGGGCTTACCTGTAC ACTGACTTGAGACCAGTTGAATAAA
8094	HUVEC cDNA	Hs.288869	AK025842	10438480	nuclear receptor subfamily 2, group F, member 2 (NR2F2), mRNA /cds=(342,1586)	1	CAGAGAAAGAAAGGCAAAAGACTG GTTTGTTCCTAATTTCTCTCTGT
8095	HUVEC cDNA	Hs.251653	AK026594	10439481	tubulin, beta, 2 (TUBB2), mRNA /cds=(0,1337)	1	GAAAGCAGGGAAGCAGTGTGAACTC TTTATTCACCTCCAGCTGTCTCTG
8096	HUVEC cDNA	Hs.334842	AK026632	10439528	tubulin, alpha, ubiquitous (K-ALPHA-1), mRNA /cds=(67,1422)	1	TGTTAGATGTTTTCACTTGGTGAT CATGTCTTTCCATGTGTACCTGT
8097	HUVEC cDNA	Hs.288036	AK026650	10439548	tRNA isopentenylpyrophosphate transferase (IPT), mRNA /cds=(80,1040)	1	TGCATCGTAAACCTTCAAGGAAA GGAGAATGTTTTGTGGACACTTT
8098	HUVEC cDNA	Hs.324406	AK026741	10439662	ribosomal protein L41 (RPL41), mRNA /cds=(83,160)	1	TGGACCTGTGACATTTCTGGACTATTT CTGTGTTTATTTGTGGCCGAGTGT
8099	HUVEC cDNA	Hs.274368	AK026775	10439706	MSTP032 protein (MSTP032), mRNA /cds=(68,319)	1	TGCAACTAGCAACTCATCTCGGAAG ACACAGCCAGGAAGTGAAGTAGA
8100	HUVEC cDNA	Hs.289071	AK027187	10440255	cDNA: FLJ22245 fis, clone HRC02612 /cds=UNKNOWN	1	GACTTTCTCTCTGCGAGCTTCTACT TCTAAGTCTGAATCCAGTCAGAAA
8101	HUVEC cDNA	Hs.334788	BG385658	13278634	hypothetical protein FLJ14639 (FLJ14639), mRNA /cds=(273,689)	1	GTTTCTGTTTGGTTTTCCAGTTTCT TTAGAACGGTGACTGACCCTCCT
8102	HUVEC cDNA	NA	NC_002090	9507429	many cloning vectors, kanamycin resistance, gene	1	CTGAGCAATAACTAGCATAACCCCT GGGGCCTCTAAACGGGTCTTGAGG
8103	HUVEC cDNA	NA	U07360	476289	Human DXS1178 locus dinucleotide repeat polymorphism sequence	1	TGCCCATTTACATTGCTCATTACTCA TGCAAAATTTCTCTTGCTAATCT
8104	HUVEC cDNA	Hs.230165	AA449779	2163529	zxo9e02.s1 cDNA, 3' end /clone=IMAGE:785978 /clone_end=3'	1	ACCCACCAATTGGTAAAATATTAGGG GAACTTGGTTAAAAGTTATGCT

Table 8

8105	HUVEC cDNA	NA	AI000459	3191013	ot07c08.s1 NCI_CGAP_GC3 cDNA clone IMAGE:1614158 3' similar to gb:Y00361 60S RIBOSOMAL PROTEIN (HUM	1	GTCAAATAAGGTTGTCTTTCCTTGAA GGACAGCACCCATGCCACAGCAC
8106	HUVEC cDNA	Hs.172922	AI016204	3230540	ot83f03.s1 cDNA, 3' end /clone=IMAGE:1623389 /clone_end=3'	1	CTGGAAAAACATCACATGGTTGAGTC AAGGATGAAAAGTCAAAACCTACCT
8107	HUVEC cDNA	Hs.96457	AI081571	3418363	ox59h10.s1 cDNA, 3' end /clone=IMAGE:1660675 /clone_end=3'	1	ATCCATCCAATAAACACAGCAACACC CTATGCTACTGACCAAGCAAAGCT
8108	HUVEC cDNA	NA	AI082318	3419110	ox72c08.x1 Soares_NhHMPu_S1 cDNA clone IMAGE:1661870 3' similar to gb:X63527 60S RIBOSOMAL PROTEIN	1	TAGTTAGAGTCCAAGACATGGTTCCT CCCCCTTTGTCTGTACATCCTGGC
8109	HUVEC cDNA	Hs.145222	AI187426	3738064	qf31d08.x1 cDNA, 3' end /clone=IMAGE:1751631 /clone_end=3'	1	CAGCCTGCCTGCTTGCCATTTTTTCTT CCCCTTCCATTTTTCTAACCTCAG
8110	HUVEC cDNA	Hs.273194	AI285483	3923716	ly56b02.x1 cDNA, 3' end /clone=IMAGE:2283051 /clone_end=3'	1	ACTTCTCCCCCTCCCCCTAGCATT CTTATATGATATGTTTCCATACCC
8111	HUVEC cDNA	Hs.238797	AI307808	4002412	602081661F1 cDNA, 5' end /clone=IMAGE:4245999 /clone_end=5'	1	AAGGAATTTGTTTTCCTATCCTAACT CAGTAACAGAGGGTTTACTCCGA
8112	HUVEC cDNA	Hs.135872	AW028193	5886949	wv61h08.x1 cDNA, 3' end /clone=IMAGE:2534079 /clone_end=3'	1	TTTGCATCCCGAGTTTGTATTCCAA GAAAATCAAAGGGGGCCAATTTGT
8113	HUVEC cDNA	Hs.244816	AW078847	6033999	xb18g07.x1 cDNA, 3' end /clone=IMAGE:2576700 /clone_end=3'	1	AAACAGGAAGGGGTTTGGGCCCTT TGATCAACTGGAACCTTTGGATCAAG
8114	HUVEC cDNA	Hs.249863	AW162315	6301348	au66d07.x1 cDNA, 3' end /clone=IMAGE:2781229 /clone_end=3'	1	AAAAACGGTTTATGGGGGTAGGGAAA CAGGCCGAAAAGAAGCTGGAGAAA
8115	HUVEC cDNA	Hs.329930	AW170757	6402282	xj24e07.x1 cDNA, 3' end /clone=IMAGE:2658180 /clone_end=3'	1	GGGGACTCAGCCCCGCTGGGGGT CCCACATAGGGTTTTTATCCAAAAA
8116	HUVEC cDNA	Hs.23349	AW237511	6569800	nab70e03.x1 cDNA, 3' end /clone=IMAGE:3273292 /clone_end=3'	1	TGTTGTTGGATACGTACTTAAGTGGT ATGCATCCCATGTCTTTGGGTA
8117	HUVEC cDNA	NA	BE672733	10033274	7b75g07.x1 NCI_CGAP_Lu24 cDNA clone IMAGE:3234108 3' similar to TR:O99231 O99231 CYTOCHROME OXIDASE	1	TGAGAGCACACCATAAATTCACAGCA GGAATAAACGAAGACACACGAGCA
8118	HUVEC cDNA	Hs.288443	BF110312	10940002	7n36d08.x1 cDNA, 3' end /clone=IMAGE:3566654 /clone_end=3'	1	ACCAGGGCTTAAACCTCAATTTATG TTCATGACAGTGGGGATTTTTCTT
8119	HUVEC cDNA	Hs.111301	J03210	180670	matrix metalloproteinase 2 (gelatinase A, 72kD gelatinase, 72kD type IV collagenase) (MMP2), mRNA /cds=(269,2271)	1	AGCCATAGAAGGTGTTCCAGGTATTGC ACTGCCAAGCTTTTGGCCGTTTTG
8120	HUVEC cDNA	Hs.82085	M14083	189566	serine (or cysteine) proteinase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1 (SERPINE1), mRNA /cds=(75,1283)	1	CCATGCCCTTGTATCAATCTTGAAT CCCATAGCTGCTTGAATCTGCTGC
8121	HUVEC cDNA	Hs.80120	Y10343	2292903	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 1 (GalNAc-T1) (GALNT1), mRNA /cds=(31,1710)	1	TTAAGAATGTGGCAGAATGTATGCT GAGGTAGCCAGTCAATCCTTATT
8122	HUVEC cDNA	Hs.10340	AK000452	7020548	hypothetical protein FLJ20445 (FLJ20445), mRNA /cds=(334,1170)	1	ATCAGTAGCAAAAACCCAGCAAC TTCTGTCCAGCATCTGCTGTAGGG
8123	HUVEC cDNA	Hs.73742	AK001313	7022490	cDNA FLJ10451 fis, clone NT2RP1000959, highly similar to acidic ribosomal phosphoprotein P0 mRNA /cds=UNKNOWN	1	CCCATCTAACTAGCACACGAACCTTC CACGAGGACGCTGGCGAGAGAAG
8124	HUVEC cDNA	Hs.808	AK001364	7022577	heterogeneous nuclear ribonucleoprotein F (HNRPF), mRNA /cds=(323,1570)	1	GAACTTGGCAGTTGTAGCAGAGGCA GTTGAGGCTTGTGACCATCACCAT
8125	HUVEC cDNA	Hs.15978	AK002211	7023952	cDNA FLJ11349 fis, clone PLACE4000650, weakly similar to TUBERIN /cds=UNKNOWN	1	CGCTCTCTCTGCACAGCACCACCAC CAACAGTCTGGATGATTTTAGGCA
8126	HUVEC cDNA	Hs.29692	AK021498	10432693	cDNA FLJ11436 fis, clone HEMBA1001213 /cds=UNKNOWN	1	TTTTGGGAAGAAAACCCATGCATCT GAAATACAATGGCAATGGAAGCT
8127	HUVEC cDNA	Hs.109672	AK023900	10435975	Homo sapiens, Similar to sialyltransferase 7 ((alpha-N-acetylneuraminyl 2,3-betagalactosyl-1,3)-N-acetyl galactosaminide alpha-2,6-sialyltransferase) F, clone MGC:14252 IMAGE:4128833, mRNA, complete cds /cds=(128,1129)	1	CTCTTTGTTGCTACTCATTTCTCTCCG GCGTCTGCTGAGGGGTAGGTGTC

Table 8

8128	HUVEC cDNA	Hs.25635	AK024039	10436304	cDNA FLJ13977 fis, clone Y79AA1001603, weakly similar to POLYPEPTIDE N-ACETYLGLACTOSAMINYLTRANSFERASE (EC 2.4.1.41) /cds=(418,1791)	1	CAACTTCCTCTTGGTTACCCAGAAGA ACAGCAGCACCGTGATCCAGAGCA
8129	HUVEC cDNA	Hs.288967	AK024167	10436481	cDNA FLJ14105 fis, clone MAMMA1001202 /cds=UNKNOWN	1	CTGTACATCTGCATCCCAGCAAAGAG CAGCAGGGACAGGAGGGAGGAGAG
8130	HUVEC cDNA	Hs.25001	AK024230	10436557	cDNA FLJ14168 fis, clone NT2RP2001440, highly similar to mRNA for 14-3-3gamma /cds=UNKNOWN	1	CACAGACAGAAGGTTTCGTTCCCTCAT TCGACAGTGGCTCATTGAGCTCTG
8131	HUVEC cDNA	Hs.6101	AK025006	10437439	hypothetical protein MGC3178 (MGC3178), mRNA /cds=(81,1055)	1	TCAAGATTGGCAATTCAGTGTGCCCA TTAAACCACTCAGTAGCTCAGCCT
8132	HUVEC cDNA	Hs.322680	AK025200	10437664	cDNA: FLJ21547 fis, clone COL06206 /cds=UNKNOWN	1	AGTTGTCCTGAGAGTTTTACACTTGT GAGAAAATACTGGCAGCTTTGATT
8133	HUVEC cDNA	Hs.288061	AK025375	10437878	actin, beta (ACTB), mRNA /cds=(73,1200)	1	CACATAGGAATCCTTCGACCCATTGC CCACCATCAGCCCTGGTGCCTGG
8134	HUVEC cDNA	Hs.288869	AK025842	10438480	nuclear receptor subfamily 2, group F, member 2 (NR2F2), mRNA /cds=(342,1586)	1	AACAGGAACCTTTATCTCTTTGTGAG GCGATTTGCATTCACACAGGC
8135	HUVEC cDNA	Hs.251653	AK026594	10439481	tubulin, beta, 2 (TUBB2), mRNA /cds=(0,1337)	1	GTAAGTGGCCCGGTGGCCTCATTGT AGTACACGTTGATGCGTTCAGCT
8136	HUVEC cDNA	Hs.278242	AK026632	10439528	Homo sapiens, clone MGC:3214 IMAGE:3502620, mRNA, complete cds /cds=(2066,3421)	1	ATAGTGGCTAGGGATTAGGAGGCGA AGGCGACAGGAGCAGACACCCGGGTC
8137	HUVEC cDNA	Hs.181165	AK026650	10439548	eukaryotic translation elongation factor 1 alpha 1 (EEF1A1), mRNA /cds=(53,1441)	1	CATTTTGGCTTTTAGGGGTAGTTTTC ACGACACCTGTGTTCTGGCGGCAA
8138	HUVEC cDNA	Hs.108124	AK026741	10439662	cDNA: FLJ23088 fis, clone LNG07026 /cds=UNKNOWN	1	CCCTGGTTCAGGAATTAAGGGGACA GACTTGAATAAGAAACAAACAAAA
8139	HUVEC cDNA	Hs.274368	AK026775	10439706	MSTP032 protein (MSTP032), mRNA /cds=(68,319)	1	ACAGTAGAGAATTTGAGTACACAGGG TATGGAGAGTAGGGCACAAAATGT
8140	HUVEC cDNA	Hs.241507	AK027187	10440255	cDNA: FLJ23534 fis, clone LNG06974, highly similar to HUMRPS6A ribosomal protein S6 mRNA /cds=UNKNOWN	1	GAACAGCCTCGTCTTCCCCGAATGC CAGGCAGGATGACGATGACGCTGG
8141	HUVEC cDNA	Hs.334788	BG392671	13286119	hypothetical protein FLJ14639 (FLJ14639), mRNA /cds=(273,689)	1	GACCTCCAGAATTCCTCATCGCTGT CGGTGACCAAGTCCACAGACACTA
8142	HUVEC cDNA	NA	NC_002090	9507429	many cloning vectors, kanamycin resistance, gene	1	TCTTGCCATCCTATGGAACTGCCTCG GTGAGTTTCTCCTCATTACAGA
8143	HUVEC cDNA	NA	U07360	476289	Human DXS1178 locus dinucleotide repeat polymorphism sequence	1	TGTTACTCCTTCAAGCCCCTGAATCA CTATAGCCACGACTCTCCAATGTA

TABLE 9: Cardiac Transplant patient RNA samples and array hybridizations

Patient #	Sample	Rejection Grade	RNA Yield (μg)	Hybridization #
14-0001	1			
	2	3A	13.6	107739
	3	1A	5.83	107740
14-0002	1			
	2			
	3			
14-0003	1	0	12.8	
	2			
	3			
14-0004	1			
	2			
14-0005	1	3A	1.08	107741
	2	0	11.2	107742
	3			
	4			
14-0006	1	2	2.02	
	2			
	3			

TABLE 10: Differentially expressed probes between samples from patients with high and low grade rejection:

Oligo#	Gene Represented
7401	cDNA clone IMAGE:915561
1796	amphiregulin
4423	partial IGVH3 gene for immunoglobulin heavy chain V region
4429	partial IGVL1 gene for immunoglobulin lambda light chain V region
4430	partial IGVH3 DP29 gene for immunoglobulin heavy chain V region
4767	cDNA clone COL09252, highly similar to CD24
4829	oncostatin M
8091	mRNA for a predicted protein

We claim:

1. A system for detecting gene expression comprising at least two isolated DNA molecules wherein each isolated DNA molecule detects expression of a gene wherein said gene is selected from the group of genes corresponding to the oligonucleotides depicted in SEQ ID NO:1 - SEQ ID NO: 8143.
2. The system of claim 1 wherein said gene is selected from the group of genes corresponding to the oligonucleotides depicted in SEQ ID NO:2476, SEQ ID NO: 2407, SEQ ID NO:2192, SEQ ID NO: 2283, SEQ ID NO:6025, SEQ ID NO: 4481, SEQ ID NO:3761, SEQ ID NO: 3791, SEQ ID NO:4476, SEQ ID NO: 4398, SEQ ID NO:7401, SEQ ID NO: 1796, SEQ ID NO:4423, SEQ ID NO: 4429, SEQ ID NO:4430, SEQ ID NO: 4767, SEQ ID NO:4829, and SEQ ID NO: 8091.
3. The system of claim 1 wherein the DNA molecules are synthetic DNA, genomic DNA, PNA or cDNA.
4. The system of claim 1 wherein the isolated DNA molecules are immobilized on an array.
5. The system of claim 4 wherein the array is selected from the group consisting of a chip array, a plate array, a bead array, a pin array, a membrane array, a solid surface array, a liquid array, an oligonucleotide array, polynucleotide array or a cDNA array, a microtiter plate, a membrane and a chip.
6. A method of detecting gene expression comprising a) isolating RNA and b) hybridizing said RNA to the isolated DNA molecules of claim 1.
7. A method of detecting gene expression comprising a) isolating RNA; b) converting said RNA to nucleic acid derived from the RNA and c) hybridizing said nucleic acid derived from the RNA to the isolated DNA molecules of claim 1.
8. The method of claim 7 wherein said nucleic acid derived from the RNA is cDNA.

9. A method of detecting gene expression comprising a) isolating RNA; b) converting said RNA to cRNA or aRNA and c) hybridizing said cRNA or aRNA to the isolated DNA molecules of claim 1.
10. A candidate library comprising at least two isolated oligonucleotides wherein the oligonucleotides have nucleotide sequences having at least 40-50, 50-60, 70-80, 80-85, 85-90, 90-95 or 95-100% sequence identity to the nucleotide sequences selected from the group consisting of SEQ ID NO:1- SEQ ID NO: 8143.
11. The candidate library of claim 10, wherein the nucleotide sequence comprises deoxyribonucleic acid (DNA) sequence, ribonucleic acid (RNA) sequence, synthetic oligonucleotide sequence, protein nucleic acid (PNA) sequence or genomic DNA sequence.
12. The candidate library of claim 11, wherein the candidate library is immobilized on an array.
13. The candidate library of claim 12, wherein the array is selected from the group consisting of: a chip array, a plate array, a bead array, a pin array, a membrane array, a solid surface array, a liquid array, an oligonucleotide array, polynucleotide array or a cDNA array, a microtiter plate, a membrane and a chip.
14. A diagnostic oligonucleotide for a disease comprising an oligonucleotide wherein the oligonucleotide has a nucleotide sequence selected from the group consisting of SEQ ID NO:1 - SEQ ID NO: 8143 wherein said oligonucleotide detects expression of a gene that is differentially expressed in leukocytes in an individual with at least one disease criterion for at least one leukocyte-related disease compared to the expression of said gene in an individual without the at least one disease criterion, wherein expression of the gene is correlated with the at least one disease criterion.
15. The diagnostic oligonucleotide of claim 14, wherein the nucleotide sequence comprises DNA, cDNA, PNA, genomic DNA, or synthetic oligonucleotides.

16. The diagnostic oligonucleotide of claim 14, wherein the disease criterion comprises data wherein the data is selected from physical examination data, laboratory data, patient historic, diagnostic, prognostic, risk prediction, therapeutic progress, and therapeutic outcome data.
17. The diagnostic oligonucleotide of claim 14, wherein the leukocytes comprise peripheral blood leukocytes or leukocytes derived from a non-blood fluid.
18. The diagnostic oligonucleotide of claim 17, wherein the non-blood fluid is isolated from the colon, sinus, esophagus, small bowel, pancreatic duct, biliary tree, ureter, vagina, cervix uterus, nose, ear, urethra, eye, open wound, abscess, stomach, cerebral spinal fluid, peritoneal fluid, pleural fluid, synovial fluid, bone marrow and pulmonary lavage.
19. The diagnostic oligonucleotide of claim 14, wherein the leukocytes comprise leukocytes derived from urine or a biopsy sample.
20. The diagnostic oligonucleotide of claim 14, wherein the leukocytes are peripheral blood mononuclear cells or T-lymphocytes.
21. The diagnostic oligonucleotide of claim 14, wherein the disease is selected from the group consisting of cardiac allograft rejection, kidney allograft rejection, liver allograft rejection, atherosclerosis, congestive heart failure, systemic lupus erythematosus (SLE), rheumatoid arthritis, osteoarthritis, and cytomegalovirus infection.
22. The diagnostic oligonucleotide of claim 14, wherein the differential expression is one or more of: a relative increase in expression, a relative decrease in expression, presence of expression or absence of expression.
23. A diagnostic agent comprising an oligonucleotide wherein the oligonucleotide has a nucleotide sequence selected from the group consisting of SEQ ID NO:1 - SEQ ID NO: 8143 wherein said oligonucleotide detects expression of a gene that is differentially expressed in leukocytes in an individual over time.

24. The agent of claim 23 wherein said oligonucleotide is selected from the group consisting of SEQ ID NO:2476, SEQ ID NO: 2407, SEQ ID NO:2192, SEQ ID NO:2283, SEQ ID NO:6025, SEQ ID NO:4481, SEQ ID NO:3761, SEQ ID NO:3791, SEQ ID NO:4476, SEQ ID NO:4398, SEQ ID NO:7401, SEQ ID NO: 1796, SEQ ID NO:4423, SEQ ID NO:4429, SEQ ID NO:4430, SEQ ID NO:4767, SEQ ID NO:4829, and SEQ ID NO:8091.

25. A diagnostic probe set for a disease comprising at least two probes wherein each probe detects expression of a gene wherein the gene is selected from the group of genes corresponding to the oligonucleotides depicted in SEQ ID NO: 1 - SEQ ID NO:8143 wherein each gene is differentially expressed in leukocytes in an individual with at least one disease criterion for a disease selected from Table 1 as compared to the expression of the gene in leukocytes in an individual without the at least one disease criterion, wherein expression of the gene is correlated with the at least one disease criterion.

26. An isolated nucleic acid wherein said nucleic acid comprises a sequence depicted in SEQ ID NO:8144 - SEQ ID NO:8766.

27. An expression vector containing the nucleic acid of claim 26 in operative association with a regulatory element which controls expression of the nucleic acid in a host cell.

28. A host cell comprising the expression vector of claim 27.

29. The host cell of claim 27, wherein the host cell is a prokaryotic cell or a eukaryotic cell.

30. A kit comprising the system of claim 1.

31. A system for detecting gene expression in leukocytes comprising an isolated DNA molecule wherein said isolated DNA molecule detects expression of a gene wherein said gene is selected from the group of genes corresponding to the oligonucleotides depicted in SEQ ID NO: 1-SEQ ID NO: 8143 and said gene is differentially expressed in said leukocytes in an individual with at least one disease

criterion for a disease selected from Table 1 compared to the expression of said gene in leukocytes in an individual without the at least one disease criterion.

32. The system of claim 31 wherein the DNA molecule is at least 16 nucleotides in length.
33. The system of claim 31 wherein the DNA molecules are synthetic DNA, genomic DNA, PNA or cDNA.
34. The system of claim 31 wherein the isolated DNA molecule is immobilized on an array.
35. The system of claim 34 wherein the array is selected from the group consisting of a chip array, a plate array, a bead array, a pin array, a membrane array, a solid surface array, a liquid array, an oligonucleotide array, polynucleotide array or a cDNA array, a microtiter plate, a membrane and a chip.
36. A method of detecting gene expression comprising a) isolating RNA and b) hybridizing said RNA to the isolated DNA molecule of claim 31.
37. A method of detecting gene expression comprising a) isolating RNA; b) converting said RNA to nucleic acid derived from the RNA and c) hybridizing said nucleic acid derived from said RNA to the isolated DNA molecules of claim 31.
38. The method of claim 37 wherein said nucleic acid derived from the RNA is cDNA.
39. A method of detecting gene expression comprising a) isolating RNA; b) converting said RNA to cRNA or aRNA and c) hybridizing said cRNA or aRNA to the isolated DNA molecule of claim 31.
40. A method of diagnosing a disease comprising obtaining a leukocyte sample from an individual, contacting said leukocyte sample with the gene expression system of claim 31 and comparing the expression of the gene with a molecular signature indicative of the presence or absence of said disease.

41. A method of monitoring progression of a disease comprising: obtaining a leukocyte sample from an individual, contacting said leukocyte sample with the gene expression system of claim 31, and comparing the expression of the gene with a molecular signature indicative of the presence or absence of disease progression.

42. A method of monitoring the rate of progression of a disease comprising: obtaining a leukocyte sample from an individual, contacting said leukocyte sample with the gene expression system of claim 31, and comparing the expression of the gene with a molecular signature indicative of the presence or absence of disease progression.

43. A method of predicting therapeutic outcome comprising: obtaining a leukocyte sample from an individual, contacting said leukocyte sample with the gene expression system of claim 31, and comparing the expression of the gene with a molecular signature indicative of the predicted therapeutic outcome.

44. A method of determining prognosis for a patient comprising obtaining a leukocyte sample from a patient, contacting said leukocyte sample with the gene expression system of claim 31, and comparing the expression of the gene, and comparing the expression of the gene with a molecular signature indicative of the prognosis.

45. A method of predicting disease complications in an individual comprising obtaining a leukocyte sample from an individual, contacting said leukocyte sample with the gene expression system of claim 31, and comparing the expression of the gene with a molecular signature indicative of the presence or absence of disease complications.

46. A method of monitoring response to treatment in an individual, comprising obtaining a leukocyte sample from an individual, contacting said leukocyte sample with the gene expression system of claim 31, and comparing the expression of the gene with a molecular signature indicative of the presence or absence of response to treatment.

47. The method according to claim 46, wherein said method further comprises characterizing the genotype of the individual, and comparing the genotype of the individual with a diagnostic genotype, wherein the diagnostic genotype is correlated with at least one disease criterion.

48. The method according to claim 41, wherein said method further comprises characterizing the genotype of the individual, and comparing the genotype of the individual with a diagnostic genotype, wherein the diagnostic genotype is correlated with at least one disease criterion.

49. The method according to claim 42, wherein said method further comprises characterizing the genotype of the individual, and comparing the genotype of the individual with a diagnostic genotype, wherein the diagnostic genotype is correlated with at least one disease criterion.

50. The method according to claim 43, wherein said method further comprises characterizing the genotype of the individual, and comparing the genotype of the individual with a diagnostic genotype, wherein the diagnostic genotype is correlated with at least one disease criterion.

51. The method according to claim 44, wherein said method further comprises characterizing the genotype of the individual, and comparing the genotype of the individual with a diagnostic genotype, wherein the diagnostic genotype is correlated with at least one disease criterion.

52. The method of claim 50, wherein the genotype is analyzed by one or more methods selected from the group consisting of Southern analysis, RFLP analysis, PCR, single stranded conformation polymorphism, and SNP analysis.

53. A method of RNA preparation suitable for diagnostic expression profiling comprising: obtaining a leukocyte sample from a subject, adding actinomycin-D to a final concentration of 1 ug/ml, adding cycloheximide to a final concentration of 10 ug/ml, and extracting RNA from the leukocyte sample.

54. The method of claim 52, wherein the actinomycin-D and cycloheximide are present in a sample tube to which the leukocyte sample is added.

Figure 1: Novel Gene Sequence Analysis

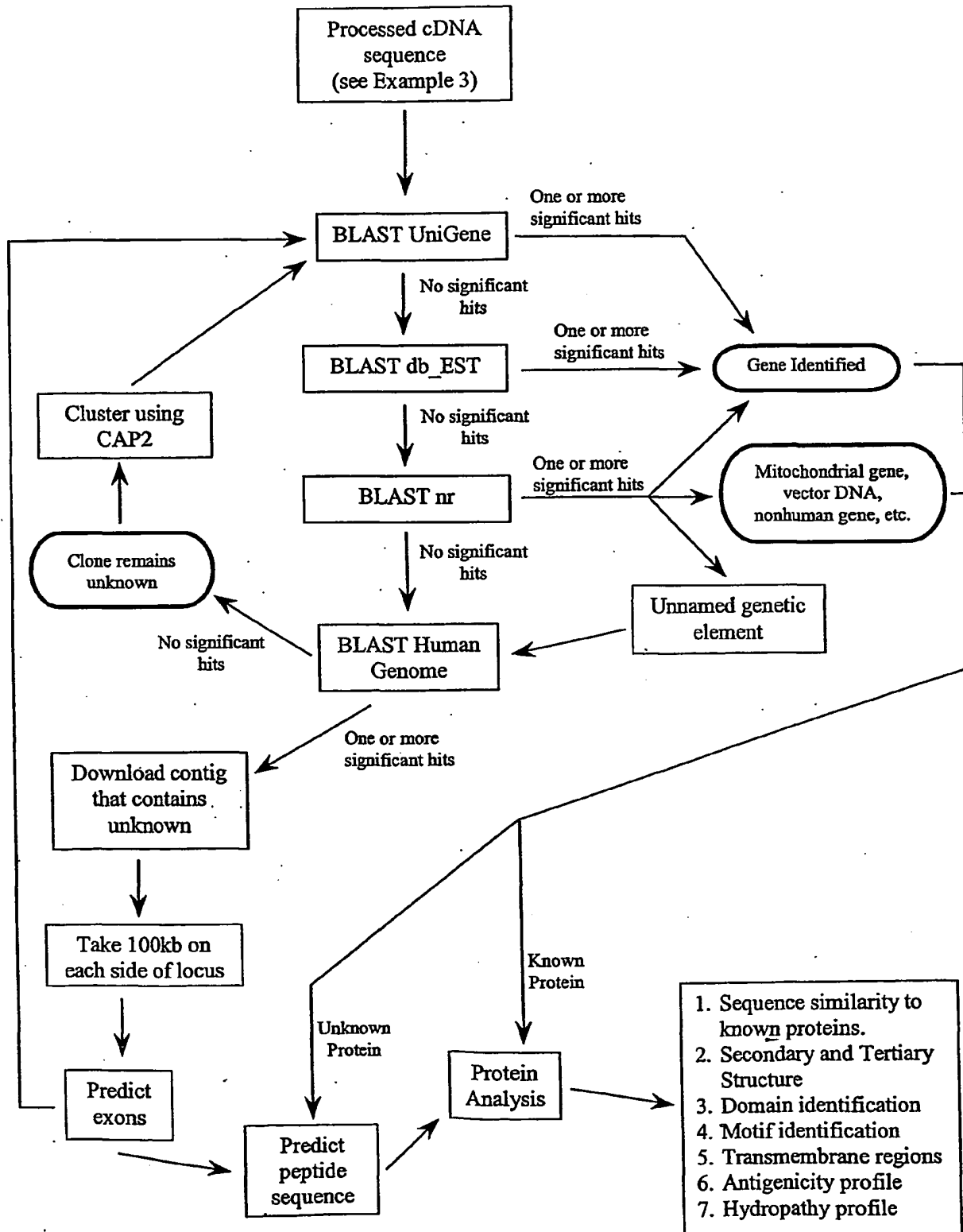
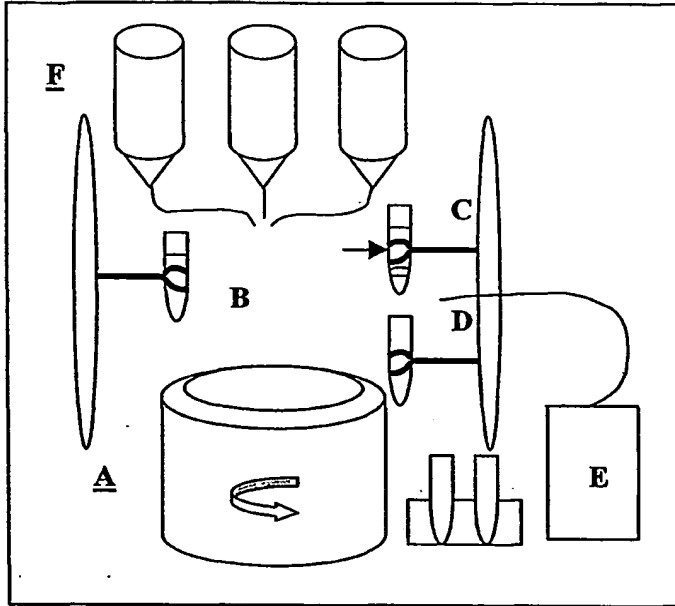


Figure 2 . Automated Mononuclear Cell RNA Isolation Device



3/10

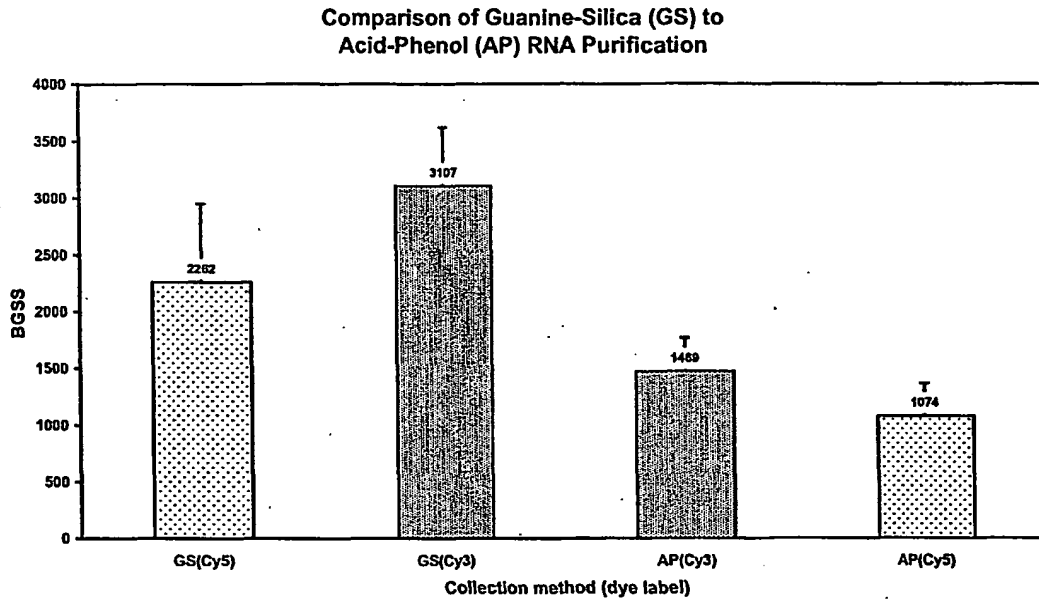
Figure 3: Kits for discovery of, or application of diagnostic gene sets**A. Contents of kit for discovery of diagnostic gene sets**

1. Sterile, endotoxin and RNase free blood collection tubes (>10cc capacity)
2. Alcohol swabs, tourniquet, 18g needle and syringe (>10cc capacity)
3. Erythrocyte lysis buffer
4. Leukocyte lysis buffer
5. Substrates for labeling of RNA (may vary for various expression profiling techniques)
 - For fluorescence cDNA microarray expression profiling:
 - Reverse transcriptase and 10x RT buffer
 - Poly-dT primer
 - DTT
 - Deoxynucleotides 100mM each
 - RNase inhibitor
 - Cy3 and Cy5 labeled deoxynucleotides
6. cDNA microarrays containing candidate gene libraries
7. Cover slips for slides
8. hybridization chambers
9. Software package for identification of diagnostic gene set from data
 - Contains statistical methods.
 - Allows alteration in desired sensitivity and specificity of gene set.
 - Software facilitates access to and data analysis by centrally located database server.
10. Password and account number to access central database server.
11. Kit User Manual

B. Contents of kit for application of diagnostic gene sets

1. Sterile, endotoxin and RNase free blood collection tubes (>10cc capacity)
2. Alcohol swabs, tourniquet, 18g needle and syringe (>10cc capacity)
3. Erythrocyte lysis buffer
4. Leukocyte lysis buffer
5. Substrates for labeling of RNA (may vary for various expression profiling techniques)
 - For fluorescence cDNA microarray expression profiling:
 - Reverse transcriptase and 10x RT buffer
 - Poly-dT primer
 - DTT
 - Deoxynucleotides 100mM each
 - RNase inhibitor
 - Cy3 and Cy5 labeled deoxynucleotides
6. cDNA microarrays containing diagnostic gene sets
7. cover slips for slides
8. hybridization chambers
9. Software package for identification of diagnostic gene set from data
 - Contains statistical methods.
 - Allows alteration in desired sensitivity and specificity of gene set.
 - Software facilitates access to and data analysis by centrally located database server
10. Password and account number to access central database server.
11. Kit User Manual

Figure 4



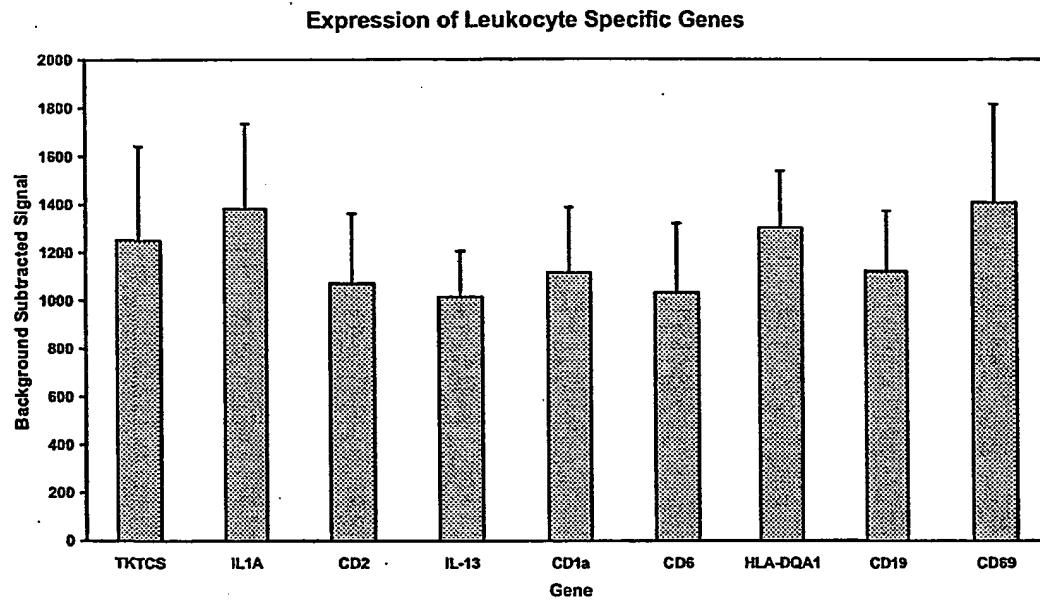
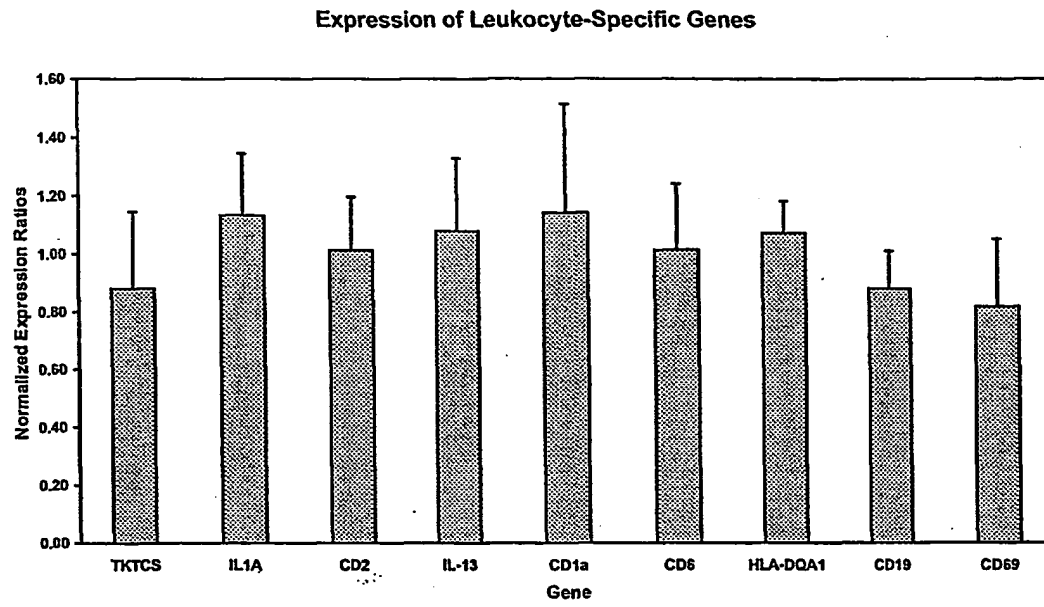


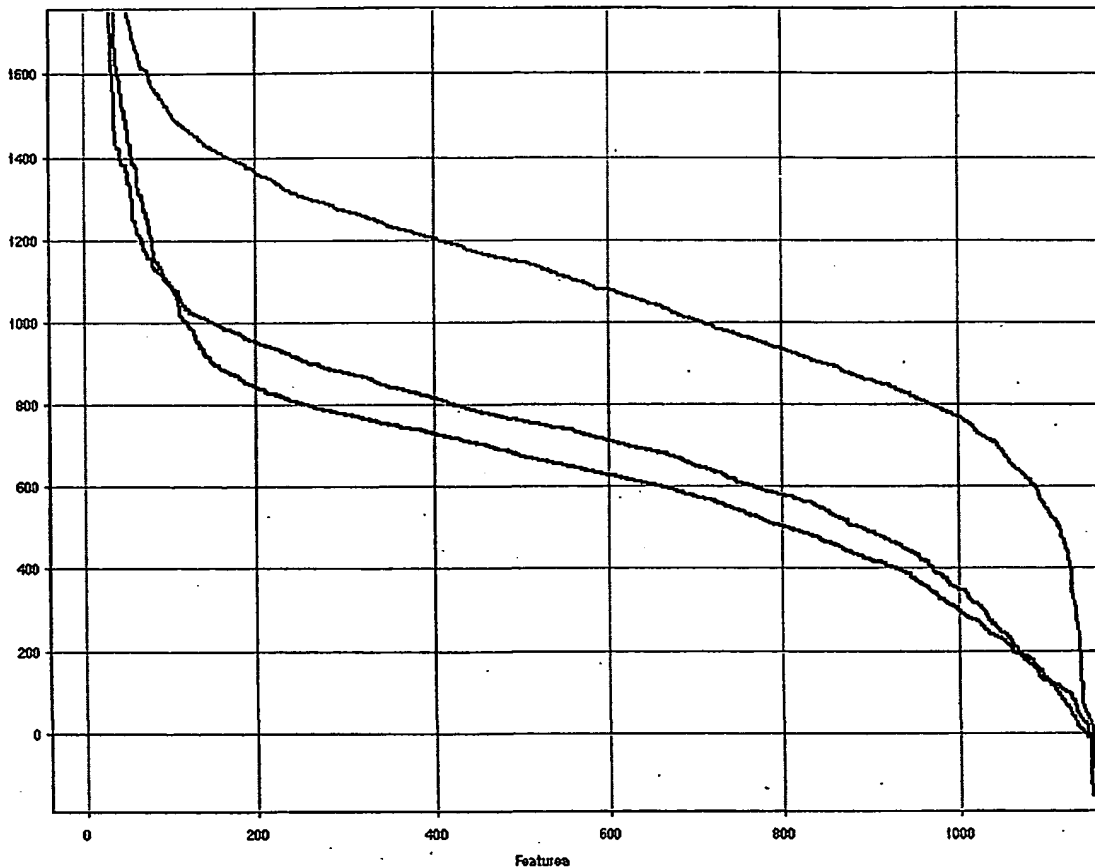
Figure 5

Figure 6



Median Cy3 Background Subtracted Signals

Comparison of Control RNAs



All columns use the same scale.

- Mononuclear cells, resting and stimulated
- 10 Buffy Coats, resting
- Mononuclear cells, resting

All markers are connected and ordered by Features.

10 µg of each control RNA was labeled.

Figure 7

Figure 8: Log expression of each probe using the R50 reference RNA. Probe expression is ordered by Signal to noise, S/N, decreasing from left to right.

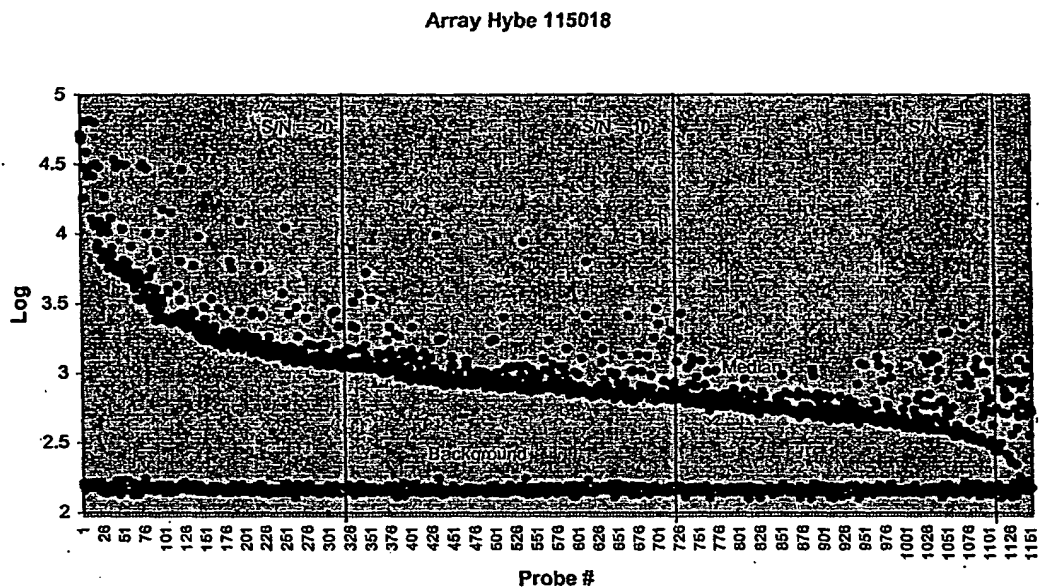


Figure 9

Comparison of High Rejection Grade to Low Rejection Grade

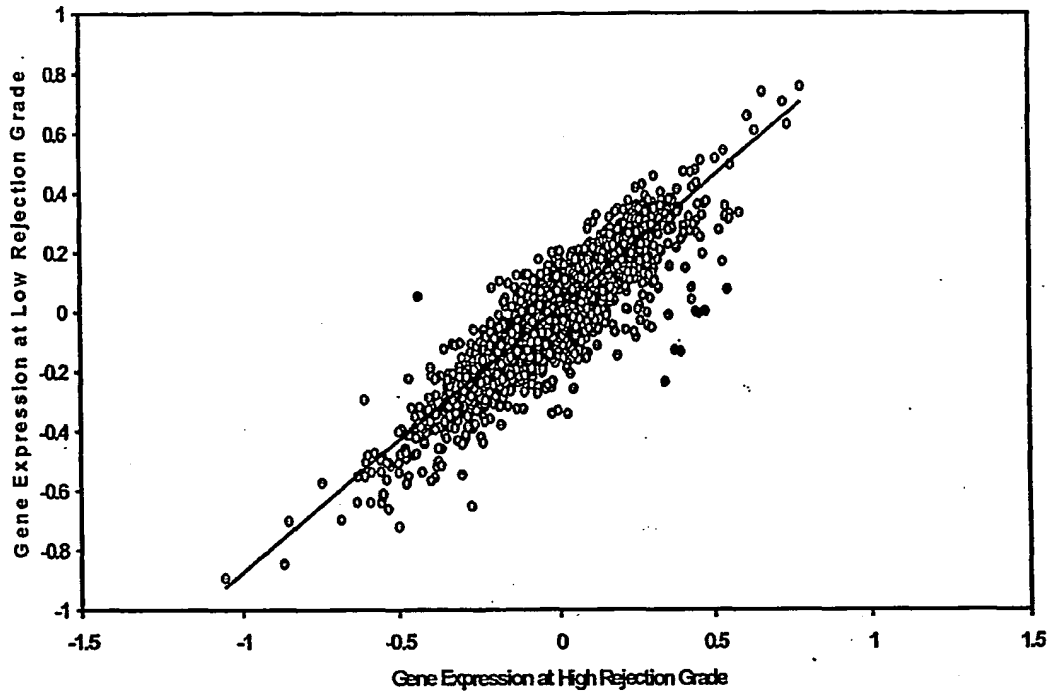


Figure 10: Differential gene expression between grade 0 and 3A samples:

Probe			Array 107742: Grade 0				Array 107739: Grade 3A				Ratio of SRs	
Acc #	Name	Oligo ID	F633	F532	Cv3/Cv5 Ratio	SR:	F633	F532	Cv3/Cv5 Ratio	SR:	Grade 0/3A	Grade 3A/0
			Median - 8532	Median - 8532		scaled ratio (gr)	Median - 8532	Median - 8532		scaled ratio (gr)		
NM_003202	transcription factor 7 (T-cell specific, HMG-box) (TCF7)	2476	5558	1050	0.188917	0.710038	5927	358	0.061438	0.219793	3.23048873	0.30955069
BE220969	major histocompatibility complex, class II, DQ beta 1 (HL)	6025	1810	635	0.350829	1.318579	2150	252	0.117209	0.419312	3.14482275	0.31800317
BE220969	major histocompatibility complex, class II, DQ beta 1 (HL)	6025	1402	487	0.347361	1.305545	2121	247	0.116455	0.416612	3.13371958	0.31910959
NM_002922	regulator of G-protein signalling 1 (RGS1), mRNA /cds=	2407	804	85	0.118159	0.444098	1884	75	0.036809	0.142415	3.11833431	0.32068403
NM_001781	CD69 antigen (p60, early T-cell activation antigen) (CD6	2192	4121	405	0.098277	0.369371	7385	254	0.034394	0.123043	3.00195843	0.33311587
NM_002341	lymphotxin beta (TNF superfamily, member 3) (LTB), tr	2283	13468	3447	0.255556	0.960516	29882	2727	0.091259	0.326476	2.94207495	0.33989617
BE220969	major histocompatibility complex, class II, DQ beta 1 (HL)	6025	1539	516	0.334633	1.257707	1942	237	0.122039	0.436591	2.88074602	0.34711323
NM_001781	CD69 antigen (p60, early T-cell activation antigen) (CD6	2192	3850	396	0.100226	0.376823	7705	282	0.0368	0.130934	2.87796556	0.34746767
U05040	far upstream element (FUSE) binding protein 1 (FUBP1	3581	4507	1119	0.24828	0.933154	2390	220	0.09205	0.329306	2.83369583	0.35289603
X14008	nuclear receptor subfamily 4, group A, member 2 (NR4A	3729	1365	167	0.122344	0.459827	6541	434	0.045488	0.162731	2.82568319	0.35369672
NM_003202	transcription factor 7 (T-cell specific, HMG-box) (TCF7)	2476	2718	486	0.17894	0.672539	5310	358	0.067043	0.239845	2.80405488	0.3565264
AF035947	cytokine-inducible inhibitor of signalling type 1b mRNA,	642	9850	5254	0.533401	2.004771	969	187	0.203302	0.727307	2.75642938	0.36278818
NM_001781	CD69 antigen (p60, early T-cell activation antigen) (CD6	2192	3357	356	0.10847	0.398574	5963	246	0.041254	0.147586	2.70652225	0.37028503
Y14737	mRNA for immunoglobulin lambda heavy chain /cds=(65	4905	1390	248	0.178417	0.670576	6561	5767	0.878932	3.144527	0.21325167	4.68929496
Y14737	mRNA for immunoglobulin lambda heavy chain /cds=(65	4905	1398	240	0.171874	0.845231	7159	8112	0.853751	3.054262	0.21125576	4.73359883
BC006402	mRNA for immunoglobulin lambda heavy chain /cds=(65	4481	1826	295	0.161555	0.6072	2973	2498	0.840229	3.005889	0.20200364	4.95040578
X57812	rearranged immunoglobulin lambda light chain mRNA /c	3761	6512	747	0.114711	0.431139	27381	17730	0.847528	2.316513	0.18611538	5.37301111
X57812	rearranged immunoglobulin lambda light chain mRNA /c	3761	6728	755	0.112218	0.421766	28820	18636	0.846634	2.313311	0.18232143	5.48481857
X72475	cDNA: FLJ21321 fis, clone COL02335, highly similar to	3790	8572	1188	0.138591	0.520889	17322	13892	0.801986	2.869076	0.18155283	5.50803866
X72475	cDNA: FLJ21321 fis, clone COL02335, highly similar to	3790	15538	2128	0.136959	0.514739	17637	14245	0.807677	2.889436	0.17814523	5.61339688
X72475	cDNA: FLJ21321 fis, clone COL02335, highly similar to	3791	11974	1559	0.130115	0.489034	24261	18781	0.773299	2.766449	0.17677319	5.65896646
X57812	rearranged immunoglobulin lambda light chain mRNA /c	3761	6953	778	0.111894	0.420551	27621	18560	0.871952	2.403886	0.1749461	5.71646412
X72475	cDNA: FLJ21321 fis, clone COL02335, highly similar to	3791	10805	1411	0.130588	0.49081	17533	14334	0.817544	2.824735	0.16781337	5.95900079
X72475	cDNA: FLJ21321 fis, clone COL02335, highly similar to	3790	11246	1453	0.128201	0.4856	17074	13853	0.811936	2.904673	0.16717876	5.8816215
AF067420	SNCT73 protein (SNCT73) mRNA, complete cds /cds=(39	4399	2654	243	0.09156	0.344125	37518	21610	0.575799	2.060585	0.16700357	5.98789603
DQ2476	cDNA: FLJ21321 fis, clone COL02335, highly similar to	3791	10909	1370	0.125584	0.472005	21688	18561	0.856609	3.064488	0.15402408	6.4924922
AF067420	SNCT73 protein (SNCT73) mRNA, complete cds /cds=(39	4399	1959	191	0.092394	0.34726	30274	19369	0.63979	2.288826	0.15171979	6.50109804
AF067420	SNCT73 protein (SNCT73) mRNA, complete cds /cds=(39	4399	2558	215	0.08405	0.315898	36161	21936	0.60662	2.170163	0.14558481	6.86978225
BC002963	rearranged immunoglobulin mRNA for mu heavy chain e	4474	7538	684	0.09074	0.341044	6038	4037	0.698599	2.391889	0.14258368	7.01342553
BC002963	rearranged immunoglobulin mRNA for mu heavy chain e	4474	8662	780	0.090048	0.338444	4339	2975	0.685642	2.45286	0.13797951	7.24745312
BC002963	rearranged immunoglobulin mRNA for mu heavy chain e	4474	7183	608	0.084644	0.318133	5521	3909	0.708024	2.532931	0.12559874	7.98186351
BC002963	rearranged immunoglobulin mRNA for mu heavy chain e	4475	8986	851	0.084703	0.355938	1587	1275	0.803403	2.874145	0.12384126	8.0746531
BC002963	rearranged immunoglobulin mRNA for mu heavy chain e	4476	11118	1023	0.092013	0.345828	871	682	0.783008	2.801184	0.12345771	8.09993947
BC002963	rearranged immunoglobulin mRNA for mu heavy chain e	4475	7428	730	0.098277	0.36997	1049	890	0.849427	3.035218	0.12169477	8.21727973
BC002963	rearranged immunoglobulin mRNA for mu heavy chain e	4476	10413	933	0.0896	0.336757	625	486	0.7778	2.781837	0.12105563	8.2806647
BC002963	rearranged immunoglobulin mRNA for mu heavy chain e	4475	5841	484	0.082863	0.311436	1694	1344	0.793388	2.838319	0.10972555	9.11394747
AF067420	SNCT73 protein (SNCT73) mRNA, complete cds /cds=(39	4398	7950	645	0.08103	0.304549	22985	18694	0.813313	2.909599	0.10467052	9.55378803
AF067420	SNCT73 protein (SNCT73) mRNA, complete cds /cds=(39	4398	11959	952	0.08285	0.311765	14170	12597	0.888991	3.180333	0.0960291	10.2010527
AF067420	SNCT73 protein (SNCT73) mRNA, complete cds /cds=(39	4398	6161	447	0.072553	0.272688	16160	14148	0.874413	3.128181	0.08717165	11.4716196

SEQUENCE LISTING

<110> BIOCARDIA, INC.
 Wohlgemuth, Jay
 Quertermous, Thomas
 Johnson, Frances
 Fry, Kirk
 Matcuk, George
 Prentice, James
 Phillips, Julie
 Woodward, Robert
 Ly, Ngoc
 Altman, Peter

<120> LEUKOCYTE EXPRESSION PROFILING

<130> 506612000140

<150> US 60/241,994
 <151> 2000-10-20

<150> US 60/296,764
 <151> 2001-06-08

<160> 8832

<170> PatentIn version 3.1

<210> 1
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1
 agagcacttg cagagcctgg gacaacctcc ttattgaagg gaagagggac 50

<210> 2
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2
 tggctcmeta gatttacatg gcaacattcg aaagtcccca gagaagtcct 50

<210> 3
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 3
 aggacttctc tggggacttt cgaatggtgc catgtaaate tttgagacca 50

<210> 4
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 4

agtgccagc aactgaataa atacctctcc cagtgtaaat ctggagccaa 50

<210> 5
<211> 50
<212> DNA
<213> Homo sapiens

<400> 5
gggtgtcttt aatagcact agcfaatca catatctcca acactcctta 50

<210> 6
<211> 50
<212> DNA
<213> Homo sapiens

<400> 6
taaggagtgt tggagatatg tgatttggt agtgcattt aaagacacc 50

<210> 7
<211> 50
<212> DNA
<213> Homo sapiens

<400> 7
cccacagtc aattcagaat atgctcagg aatgccagcc accttgtaa 50

<210> 8
<211> 50
<212> DNA
<213> Homo sapiens

<400> 8
gccaagacaa taagctagc tactgggtcc agctactact ttggtggat 50

<210> 9
<211> 50
<212> DNA
<213> Homo sapiens

<400> 9
atcccacaa agtagtagct ggaccagta gcctagctta ttgtcttggc 50

<210> 10
<211> 50
<212> DNA
<213> Homo sapiens

<400> 10
aattataac tcttaggggt tatttctgtg ccagacacat tccacctctc 50

<210> 11
<211> 50
<212> DNA
<213> Homo sapiens

<400> 11
 actaattgca ttggcagcat tgtgtctttg accttgata ctagcttgac 50

<210> 12
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 12
 aaaccaaaaa taatcacaac agaaaccagc tgcccaaaag gaaccagagg 50

<210> 13
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 13
 tcccaccagg actttgctaa caataatggt tggaaataaa gaagtgtct 50

<210> 14
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 14
 tgacactcat gccacaaga acctgtgcc ctccttccta acctgaggcc 50

<210> 15
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 15
 acaaatttta ccctaacagt tttaccacct agcaacagtc atttctgaaa 50

<210> 16
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 16
 tttattggta cttcctaaag atagagacta aagtcatggt agtattggcc 50

<210> 17
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 17
 ggccaatact accatgactt tagtctctat ctttaggaag taccaataaa 50

<210> 18
 <211> 50

<212> DNA
 <213> Homo sapiens

 <400> 18
 cctcccattt tggtctcgga agattaaatg ctacatgtgt aagtctgcct 50

 <210> 19
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 19
 ccgtgcccgg aaacaggcgg tggctagaga agagcgagat catctttacc 50

 <210> 20
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 20
 ggtctaattt attcaaaggg ggcaagaagt agcagtgtct gtaaaagagc 50

 <210> 21
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 21
 agatgggtga atcagttggg ttttgtaa atctgtatgt ggggaagaca 50

 <210> 22
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 22
 tctctagttg tcactttcct cttccacttt gataccattg ggtcattgaa 50

 <210> 23
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 23
 tcaaaagaaa gccttctgga tgctgttaag atgtaccctt caggtgaacc 50

 <210> 24
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 24
 ccccctttcc ttctaatttt tcagctcctt caatgcaaag tacatgtatt 50

<210> 25
<211> 50
<212> DNA
<213> Homo sapiens

<400> 25
cctccaaccc cggaaacttc ctgtgcaacc cagactatca cctttgaaag 50

<210> 26
<211> 50
<212> DNA
<213> Homo sapiens

<400> 26
ggaagtagt cttcatttgc aatcaggaaa acgaacgtaa aggcacaggt 50

<210> 27
<211> 50
<212> DNA
<213> Homo sapiens

<400> 27
acctgtgcct ttacgttcgt tttcctgatt gcaaatgaag actaccttcc 50

<210> 28
<211> 50
<212> DNA
<213> Homo sapiens

<400> 28
tgttttcttc actacattgt acatgtggga attacagata aacggaagcc 50

<210> 29
<211> 50
<212> DNA
<213> Homo sapiens

<400> 29
cagagcaaga ccctgaagac cccaaccac ggccataaag cctctttgtg 50

<210> 30
<211> 50
<212> DNA
<213> Homo sapiens

<400> 30
gcttcatatg tatggctgtt gctttgcttc atgtgtatgg ctatttgtat 50

<210> 31
<211> 50
<212> DNA
<213> Homo sapiens

<400> 31
cagatggggt cagcagtctg gtcagtgaga aagggccgag ggtagacagg 50

<210> 32
<211> 50
<212> DNA
<213> Homo sapiens

<400> 32
tccagggcaa tcaatgttca cgcaacttga aattatatct gtggtcttca 50

<210> 33
<211> 50
<212> DNA
<213> Homo sapiens

<400> 33
tcacccgag aacattggct tccacatcac agtatctacc cttacatggt 50

<210> 34
<211> 50
<212> DNA
<213> Homo sapiens

<400> 34
cgctctcgat attcctgtgc agaaacctgg accacgtcta caaccggctc 50

<210> 35
<211> 50
<212> DNA
<213> Homo sapiens

<400> 35
cctgctcagc tctgcataag taattcaaga aatgggagggc ttcaccttaa 50

<210> 36
<211> 50
<212> DNA
<213> Homo sapiens

<400> 36
ggaggacca cactgctaca cttctgatcc cctttggttt tactacccaa 50

<210> 37
<211> 50
<212> DNA
<213> Homo sapiens

<400> 37
gaagaacagc agatggcggg gatcagcaga gagattgaac tttgaggagg 50

<210> 38
<211> 50
<212> DNA
<213> Homo sapiens

<400> 38
ggaatttcct atcttgacgc atcctgtaa taaacattca agtccacct 50

<210> 39
<211> 50
<212> DNA
<213> Homo sapiens

<400> 39
cctcaaagtg ctaccgataa acctttctaa ttgtaagtc ccttactaag 50

<210> 40
<211> 50
<212> DNA
<213> Homo sapiens

<400> 40
agtgggtccc agattggctc aactgagaa tgtaagaact acaacaacaa 50

<210> 41
<211> 50
<212> DNA
<213> Homo sapiens

<400> 41
ctgtccagcg ccaacagcct ctatgacgac atcgagtgc tccttatgga 50

<210> 42
<211> 50
<212> DNA
<213> Homo sapiens

<400> 42
aaattctggg agtatgtgc ttttctgtgg ggggtgggatt tggaaggggg 50

<210> 43
<211> 50
<212> DNA
<213> Homo sapiens

<400> 43
atgggtgaag agaaccgagc aaagatcaa ataaaaagtg acacagcagc 50

<210> 44
<211> 50
<212> DNA
<213> Homo sapiens

<400> 44
gctgtgtcca tctttgtcac tgagtgaat ctctgttttc tattctctga 50

<210> 45
<211> 50
<212> DNA

<213> Homo sapiens

<400> 45
atgtgctgtc aaaacaagtt tttctgtcaa gaagatgatc agaccttga 50

<210> 46
<211> 50
<212> DNA
<213> Homo sapiens

<400> 46
cagtgatcag ggtcctgcaa gcagtggga agggggccaa ggtattggag 50

<210> 47
<211> 50
<212> DNA
<213> Homo sapiens

<400> 47
tggacacacg gatcaagacc aggaagaatt gaacttgtca agtgaaggg 50

<210> 48
<211> 50
<212> DNA
<213> Homo sapiens

<400> 48
aacagacccc ctctagaaat ttttcagatg cttctgggag acaccaaagg 50

<210> 49
<211> 50
<212> DNA
<213> Homo sapiens

<400> 49
gtcagtaggt gcggtgtcta gggtagtgaa tctgtgaagt tcaaatttat 50

<210> 50
<211> 60
<212> DNA
<213> Homo sapiens

<400> 50
agttgtgtgg tcagtaggtg cgggtgtctag ggtagtgaat cctgtaagtt caaatttatg 60

<210> 51
<211> 70
<212> DNA
<213> Homo sapiens

<400> 51
ttaaagttgt gtggctcagta ggtgcgggtgt ctagggtagt gaatcctgta agttcaaatt 60
tatgattagg 70

<210> 52
<211> 50
<212> DNA
<213> Homo sapiens

<400> 52
gtttgagatg gacacactgg tgtggattaa cctgccaggg agacagagct 50

<210> 53
<211> 50
<212> DNA
<213> Homo sapiens

<400> 53
tttgactct gaatcccatg ttctcaaact acgctgcctt ccgaagtctg 50

<210> 54
<211> 50
<212> DNA
<213> Homo sapiens

<400> 54
ttaaagtact aagtcacatc ttgccttgaa agtttctctc gcattgggtt 50

<210> 55
<211> 50
<212> DNA
<213> Homo sapiens

<400> 55
aacccaatgc agaggaaact ttcaaggcaa atgatgactt agtacttaaa 50

<210> 56
<211> 50
<212> DNA
<213> Homo sapiens

<400> 56
tacctgggca ttcttgtttc attcaattcc acctgcaatc aagtcctaca 50

<210> 57
<211> 60
<212> DNA
<213> Homo sapiens

<400> 57
ccattaaact tacctgggca ttcttgtttc attcaattcc acctgcaatc aagtcctaca 60

<210> 58
<211> 70
<212> DNA
<213> Homo sapiens

<400> 58

cacctgcaat caagtcctac aagctaaaat tagatgaact caactttgac aacctatgaga 60

ccactgttat 70

<210> 59

<211> 50

<212> DNA

<213> Homo sapiens

<400> 59

aatgcgtacg tttcctgaga agtgtctaaa aacaccaaaa agggatccgt 50

<210> 60

<211> 60

<212> DNA

<213> Homo sapiens

<400> 60

acgtttcctg agaagtgtct aaaaacacca aaaagggatc cgtacattca atgtttatgc 60

<210> 61

<211> 70

<212> DNA

<213> Homo sapiens

<400> 61

caaatcaatg cgtacgtttc ctgagaagtg tctaaaaaca ccaaaaaggg atccgtacat 60

tcaatgttta 70

<210> 62

<211> 50

<212> DNA

<213> Homo sapiens

<400> 62

ctccgggaga ggggacggtc aatcctgtgg gtgaagacag agggaaacac 50

<210> 63

<211> 50

<212> DNA

<213> Homo sapiens

<400> 63

ggctgggaaa ctgttggtgg ccagtgggta ataaagacct ttcagtatcc 50

<210> 64

<211> 50

<212> DNA

<213> Homo sapiens

<400> 64

tgctagaggg gcttagagaa ctacaaggcc tgcagaatcc cccagagaag 50

<210> 65
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 65
 ctgactcagg atgacagaca ggtggaactg ccagtgtaga ggaattcta 50

 <210> 66
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 66
 gtaaaggcta tacttgtctt gttcaccttg ggatgacgcc gcatgatatg 50

 <210> 67
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 67
 caagcaggaa gcacaaactc cccaagctg actcatccta actaacagt 50

 <210> 68
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 68
 tcttcaacag acccctceta gaaatcttcc agatgcttct gggagacacc 50

 <210> 69
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 69
 gtctccacg ccatttcctt ttccttcaag cctagcctt ctctcattat 50

 <210> 70
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 70
 ggccttcat gtacatccat ggtgtgctgg cttaaatgt aattaatctt 50

 <210> 71
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 71
 aagatgccca accctgtgat cagaacctcc aaatactgcc atgagaaact 50

<210> 72
<211> 50
<212> DNA
<213> Homo sapiens

<400> 72
caggagtttg tgtgtctttt ataaaaagtt tgccttgat gtcatttgg 50

<210> 73
<211> 50
<212> DNA
<213> Homo sapiens

<400> 73
cctgagtga cagtcacgac agaacaaaac cacaagacca gaccacattt 50

<210> 74
<211> 50
<212> DNA
<213> Homo sapiens

<400> 74
cctttacatc cagataggtt accagtaacg gaacatatcc agtactcctg 50

<210> 75
<211> 50
<212> DNA
<213> Homo sapiens

<400> 75
tgcacgtaa aaccttcaga aggaaaggag aatgttttgt ggaccacttt 50

<210> 76
<211> 50
<212> DNA
<213> Homo sapiens

<400> 76
ggcactgaa tgggtaggag caaccactga ctggctctaa gctgttcttg 50

<210> 77
<211> 50
<212> DNA
<213> Homo sapiens

<400> 77
tgtaggtaa atgtgactgg aatacacctt tggaacggaa ttctttatca 50

<210> 78
<211> 50
<212> DNA
<213> Homo sapiens

<400> 78
 aggctggaca tcggcccgt cccacaatg aaataaagtt attttctcat 50

<210> 79
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 79
 tgtagggtaa atgtgactgg aatacacctt tggaacggaa ttctttatca 50

<210> 80
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 80
 gttgccatgg tgatggtgta gccctccac tttgctgttc cttactttac 50

<210> 81
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 81
 ccaccaccc ctcaattaag gcaacaatga agttaatgga taccctctgc 50

<210> 82
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 82
 gttgccatgg tgatggtgta gccctccac tttgctgttc cttactttac 50

<210> 83
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 83
 ccaccaccc ctcaattaag gcaacaatga agttaatgga taccctctgc 50

<210> 84
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 84
 gtcacctat ttgggttaag catgccaatt taaagagacc aagtgtatgt 50

<210> 85
 <211> 50
 <212> DNA

<213> Homo sapiens

<400> 85
tccacctttt gtatttaatt ttaaagtcag tgtactgcaa ggaagctgga 50

<210> 86
<211> 50
<212> DNA
<213> Homo sapiens

<400> 86
ccctatcccc caaaatgggc ttctgcctg ggtttttctc ttctcacatt 50

<210> 87
<211> 50
<212> DNA
<213> Homo sapiens

<400> 87
tccacctttt gtatttaatt ttaaagtcag tgtactgcaa ggaagctgga 50

<210> 88
<211> 50
<212> DNA
<213> Homo sapiens

<400> 88
agatcttcaa gtgaacatct cttgccatca cctagctgcc tgcacctgcc 50

<210> 89
<211> 50
<212> DNA
<213> Homo sapiens

<400> 89
gctaatttta agcatgttca gtggcagctc cctccagtt tcagtgtcac 50

<210> 90
<211> 50
<212> DNA
<213> Homo sapiens

<400> 90
cctgtgatca ggctccaag tctggttccc atgaggtgag atgcaacctg 50

<210> 91
<211> 50
<212> DNA
<213> Homo sapiens

<400> 91
acatggtttg actccccgaac atcaccgacg tgtctctctgt ttttctgggt 50

<210> 92

<211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 92
 tcagagctga agaagcgagc tggatggcaa ggcctgtgcg acagataatg 50

 <210> 93
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 93
 tcagccattt tgggcatatg tatctttata atcagactgg aaacgggact 50

 <210> 94
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 94
 atcctggcaa cttacaatt cctctcgga tttgtcactt ccatctcagc 50

 <210> 95
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 95
 agcttactac agtgaagaa tgggattggc aagtaacttc tgacttactg 50

 <210> 96
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 96
 attataacat cttcaacaca gaacacactt tgtggtcgaa aggctcagcc 50

 <210> 97
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 97
 tgtcagagat tgctgtggc tctaataatgc acctcaagat ttaaggaga 50

 <210> 98
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 98
 tgtctggcag ggactgaatg acctgatgac agatttagat tcttcctggg 50

<210> 99
<211> 50
<212> DNA
<213> Homo sapiens

<400> 99
gggaggaaca ctgcactctt aagcttccgc cgtctcaacc cctcacagga 50

<210> 100
<211> 50
<212> DNA
<213> Homo sapiens

<400> 100
atgaagaagg gtgtgaaggc tgaacaatca tggatttttc tgatcaattg 50

<210> 101
<211> 50
<212> DNA
<213> Homo sapiens

<400> 101
gcctctgctc cccagggagt tgtgtctgta atcggcctac tattcagtgg 50

<210> 102
<211> 50
<212> DNA
<213> Homo sapiens

<400> 102
ggatgctact gatgggaatg attaagggag ctgctgttta ggtggtgctg 50

<210> 103
<211> 50
<212> DNA
<213> Homo sapiens

<400> 103
tcaggaacaa catctactgc atggcccagc tgctggacaa ctcagacacg 50

<210> 104
<211> 50
<212> DNA
<213> Homo sapiens

<400> 104
cttacatcag gtactttgtc agcttcatca tccagttcca gttccacgag 50

<210> 105
<211> 50
<212> DNA
<213> Homo sapiens

<400> 105

catccaggag ctgttcaagc gcatctccga gcagttcacg gccatgttcc

50

<210> 106

<211> 50

<212> DNA

<213> Homo sapiens

<400> 106

acctcccact ttgtctgtac atactggcct ctgtgattac atagatcagc

50

<210> 107

<211> 50

<212> DNA

<213> Homo sapiens

<400> 107

gtctttgaga atatgatgtc agacattttc ggatgggctg tttagatggt

50

<210> 108

<211> 50

<212> DNA

<213> Homo sapiens

<400> 108

ggtcaccag gaggatggca aagagagtcg catctcagtg caggagagac

50

<210> 109

<211> 50

<212> DNA

<213> Homo sapiens

<400> 109

agacccttat ctggaggagg aagagaagca ggagagagaa agccacagcc

50

<210> 110

<211> 50

<212> DNA

<213> Homo sapiens

<400> 110

ggctgtgtcc taaggcccat ttgagaagct gaggctagtt ccaaaaacct

50

<210> 111

<211> 50

<212> DNA

<213> Homo sapiens

<400> 111

gtgctcctgt aagtcaaatg tgtgctttgt actgctggtg ttgaaattga

50

<210> 112

<211> 50

<212> DNA

<213> Homo sapiens

<400> 112
cagagacata aagagaagat gccaaaggccc cctcctccac ccaccgctaa 50

<210> 113
<211> 50
<212> DNA
<213> Homo sapiens

<400> 113
atgggagtaa taagagcagt ggcagcagca tctctgaaca tttctctgga 50

<210> 114
<211> 50
<212> DNA
<213> Homo sapiens

<400> 114
ccactaatcc tgatgaggct gacaaagttg gggctgagaa cacaaatcacc 50

<210> 115
<211> 50
<212> DNA
<213> Homo sapiens

<400> 115
tgttgggggtt tcctttacct tttctataag ttgtacaaaa acatccactt 50

<210> 116
<211> 50
<212> DNA
<213> Homo sapiens

<400> 116
cagagtaggc atctgggcac caagaccttc cctcaacaga ggacactgag 50

<210> 117
<211> 50
<212> DNA
<213> Homo sapiens

<400> 117
ctttgcctaa accctatggc ctctctgtgca tctgtactca ccctgtacca 50

<210> 118
<211> 50
<212> DNA
<213> Homo sapiens

<400> 118
ggcactgaa tgggtaggag caaccactga ctggctctaa gctgttcttg 50

<210> 119
<211> 50

<212> DNA
 <213> Homo sapiens

<400> 119
 tgattctgca cttggggctct gtctgtacag ttactcatgt cattgtaatg 50

<210> 120
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 120
 tgtgtaatag gccttttcat gctttatgtg tagcttttta cctgtaacct 50

<210> 121
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 121
 aagttatcat gtccatccgc accaagctgc agaacaagga gcatgtgatt 50

<210> 122
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 122
 aagttatcat gtccatccgc accaagctgc agaacaagga gcatgtgatt 50

<210> 123
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 123
 tgggtgatgt taaaccaata ttcctttcaa ctgctgcctg ctagggaaaa 50

<210> 124
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 124
 tgaacttgct gaatgtaagg caggctacta tgcggtataa tctaatacaca 50

<210> 125
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 125
 attgaccag agcaaagctg aaaaatgaat aactaacccc ctttcctgctg 50

<210> 126
 <211> 60
 <212> DNA
 <213> Homo sapiens

<400> 126
 gcaattggag aactggattt gctgtttatg tctctgagaa atgcctgcat ttgaccagag 60

<210> 127
 <211> 70
 <212> DNA
 <213> Homo sapiens

<400> 127
 ttgaccaga gcaaagctga aaaatgaata actaaccccc tttccctgct agaaataaca 60

attagatgcc 70

<210> 128
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 128
 ccctttttgt cccccaactt gagatgtatg aaggcttttg gtctccctgg 50

<210> 129
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 129
 attagaccag accagtgtat ttctaaagaa aatcctgaca tgcacacca 50

<210> 130
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 130
 gaccctactg ctgatgatac cagtgtgct gtaactgaag aaatgccacc 50

<210> 131
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 131
 acaggcaaag tgacagggga aaaggaatta gtctaagagt aaggggatga 50

<210> 132
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 132
ctttcctctt gctgctgggg cctaggtctt cttgctgctg cttccttttc 50

<210> 133
<211> 50
<212> DNA
<213> Homo sapiens

<400> 133
agagtttttg ttggtagact ggagctggga tgttgaatca acctcaggca 50

<210> 134
<211> 50
<212> DNA
<213> Homo sapiens

<400> 134
tgcctgaggt tgattcaaca tcccagctcc agtctaccaa caaaaactct 50

<210> 135
<211> 50
<212> DNA
<213> Homo sapiens

<400> 135
ctgacgatca gcttgggaaca gccaaacaga attaacgcaa ctaataacct 50

<210> 136
<211> 50
<212> DNA
<213> Homo sapiens

<400> 136
tccttttatg cattggagga aaaacatggt ggcttttctc ttgacgtggg 50

<210> 137
<211> 50
<212> DNA
<213> Homo sapiens

<400> 137
cccacgtcaa gagaaaagcc aacatgtttt tcctccaatg cataaaaagga 50

<210> 138
<211> 50
<212> DNA
<213> Homo sapiens

<400> 138
ctcaggaaac ccgacagaag aaacatgtaa cacagaactc acgtccacta 50

<210> 139
<211> 50
<212> DNA

<213> Homo sapiens

<400> 139

actcgagacg taaattatgg ctgaatcatc cgctaccttc acgccaatgg 50

<210> 140

<211> 50

<212> DNA

<213> Homo sapiens

<400> 140

tgctgttttc attctgcatt tgtgtagttt ggtgctttgt tccaagttaa 50

<210> 141

<211> 50

<212> DNA

<213> Homo sapiens

<400> 141

aaaaatgaca aaagttatca ccaaaacccc ctttcccatc ttgcactggt 50

<210> 142

<211> 50

<212> DNA

<213> Homo sapiens

<400> 142

agcttttaat gctccaaatg ctgacccatg caatatttcc tcatgtgatc 50

<210> 143

<211> 50

<212> DNA

<213> Homo sapiens

<400> 143

aaaagaatg caggtttatt atccagcact gagagagtta acaaggactg 50

<210> 144

<211> 50

<212> DNA

<213> Homo sapiens

<400> 144

agagagactt ctcattggct gtgaaggtag agcttttggg gaaattcctg 50

<210> 145

<211> 50

<212> DNA

<213> Homo sapiens

<400> 145

caggaatttc cccaaaagct ctaccttcac agccaatgag aagtctctct 50

<210> 146

<211> 50
 <212> DNA
 <213> Homo sapiens

<400> 146
 agagagactt ctcattggct gtgaaggtag agcttttggg gaaattcctg 50

<210> 147
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 147
 catctcagcc ctgcctttct ctggagcatt ctgaaaacag atattctggc 50

<210> 148
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 148
 tcatgataac ctgcagacct gatcaagcct ctgtgcctca gtttctctct 50

<210> 149
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 149
 atgggggtaa taagagcagt agcagcagca tctctgaaca tttctctgga 50

<210> 150
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 150
 gaaattgctt ttctcttga accacagttc taccctggg atgttttgag 50

<210> 151
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 151
 aattcctcag gaagtaaaac cgaagaagat ggcccagctc cccaagaaag 50

<210> 152
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 152
 aacatccaag gagaacaga gacaggcca agagatgaag agtgagaggg 50

<210> 153
<211> 50
<212> DNA
<213> Homo sapiens

<400> 153
tcgtgtgaat cagactaagt gggatttcat tttacaact ctgctctact 50

<210> 154
<211> 50
<212> DNA
<213> Homo sapiens

<400> 154
gcatatacaa gttggaagac taaagagggtg caatgtgatc tgagcctcca 50

<210> 155
<211> 50
<212> DNA
<213> Homo sapiens

<400> 155
tgagtgtgtt tgtgtgcatg aaagagaaag actgattacc tcctgtgtgg 50

<210> 156
<211> 50
<212> DNA
<213> Homo sapiens

<400> 156
agctgttccc aaatcttcta acgagtggac cattatcact ttaaagcctt 50

<210> 157
<211> 50
<212> DNA
<213> Homo sapiens

<400> 157
atcaacagac caacattttt ctcttctca agcaacactc ctagggcctg 50

<210> 158
<211> 50
<212> DNA
<213> Homo sapiens

<400> 158
tatgactgat gatcctccaa caacaaaacc acttactgct cgtaaattca 50

<210> 159
<211> 50
<212> DNA
<213> Homo sapiens

<400> 159

aaaatactga tgttcctagt gaaagaggca gcttgaaact gagatgtgaa 50

<210> 160
<211> 50
<212> DNA
<213> Homo sapiens

<400> 160
ggaagacttt aaaccaccta gttctccac tggggcatcg gtctaaagct 50

<210> 161
<211> 50
<212> DNA
<213> Homo sapiens

<400> 161
ccctgttcca caaacccata tgtatccttt cctcaacctc ctcctttccc 50

<210> 162
<211> 50
<212> DNA
<213> Homo sapiens

<400> 162
gtgtgtgagt gtgagtgtga gcgagagggt gagtgtggtc agagtaaagc 50

<210> 163
<211> 50
<212> DNA
<213> Homo sapiens

<400> 163
tctggtcatt caagatccc ctcccaaggc tatgcttttc tataactttt 50

<210> 164
<211> 50
<212> DNA
<213> Homo sapiens

<400> 164
ggcagctcag gaccactcca atgaccacc taacaagatg aatgaagtta 50

<210> 165
<211> 50
<212> DNA
<213> Homo sapiens

<400> 165
tgttcttcat ctaagccttc tggttttatg ggtcagagtt ccgactgcca 50

<210> 166
<211> 50
<212> DNA
<213> Homo sapiens

<400> 166
gccttcatgc acctgtcctt tctaacaagt cgccttcaac tgtaatcaca 50

<210> 167
<211> 50
<212> DNA
<213> Homo sapiens

<400> 167
ccctctcctc tcttcctccc tggaatcttg taaaggtcct ggcaaagatg 50

<210> 168
<211> 50
<212> DNA
<213> Homo sapiens

<400> 168
ctgggctggg acgtgacctg tgctgagggc tgtgagaatg tgaacaaca 50

<210> 169
<211> 50
<212> DNA
<213> Homo sapiens

<400> 169
gggatgaacg aaagccccct cttcaactcc tctcactttt taaagcattg 50

<210> 170
<211> 50
<212> DNA
<213> Homo sapiens

<400> 170
acaatgttga gttcagcatg tgtctgccat ttcatttgta cgcttgttca 50

<210> 171
<211> 50
<212> DNA
<213> Homo sapiens

<400> 171
tttcagtccc agaacctaca gataccctgc tacttgcttc acgtggatgc 50

<210> 172
<211> 50
<212> DNA
<213> Homo sapiens

<400> 172
aattcagtta gctccattca gaaccaaagc cagtccaagg gaggttatgg 50

<210> 173
<211> 50

<212> DNA
 <213> Homo sapiens

 <400> 173
 cccatcttac agaagttgag gccaaaggag aatggtaggc acagaagaaa 50

 <210> 174
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 174
 tgtgttaagt gcaggagaca ttggtattct gggcaccttc ctaatatgct 50

 <210> 175
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 175
 tgtgttaagt gcaggagaca ttggtattct gggcagcttc ctaatatgct 50

 <210> 176
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 176
 agctgtgttg gtagtctgt gttgaattac ggaataatga gtagaacta 50

 <210> 177
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 177
 tgttgggggt tcctttacct tttctataag ttgtaccaa acatccactt 50

 <210> 178
 <211> 60
 <212> DNA
 <213> Homo sapiens

 <400> 178
 tgcattgttg ggtttccttt accttttcta taagttgtac caaaacatcc acttaagttc 60

 <210> 179
 <211> 70
 <212> DNA
 <213> Homo sapiens

 <400> 179
 tgttgggggt tcctttacct tttctataag ttgtaccaa acatccactt aagttctttg 60
 atttgtacca 70

<210> 180
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 180
 tctacctgca gtctccattg tttccagagt gaacttgtaa ttatcttggt 50

<210> 181
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 181
 gtgtgctgt gtgtgtgcct gtccagtga tattgtgtct tagcttccat 50

<210> 182
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 182
 ctgaagggaa gagagccttg aatagactga agcgaagacg gttctgcaag 50

<210> 183
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 183
 ttctctgcat ctaggccatc atactgccag gctggttatg actcagaaga 50

<210> 184
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 184
 cttctgtac ctctcccca cagcttgctt ttgttgtagc gtctttcaat 50

<210> 185
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 185
 aacctgcaca agcatgtaat aaaagagcac acttaaaaac attctgacca 50

<210> 186
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 186
tggtcagaat gttttaagt gtgctctttt attacatgct tgtgcaggtt 50

<210> 187
<211> 50
<212> DNA
<213> Homo sapiens

<400> 187
ccttctgaag gtgatagat acagcttgtc ttgaaatgct tttctccaca 50

<210> 188
<211> 50
<212> DNA
<213> Homo sapiens

<400> 188
tgtggagaaa gacatttcaa gacaagctgt atctatacac cttcagaagg 50

<210> 189
<211> 50
<212> DNA
<213> Homo sapiens

<400> 189
tgctaggtea cagaggatct gcttggcttt gataagctat gttggtgcac 50

<210> 190
<211> 50
<212> DNA
<213> Homo sapiens

<400> 190
ctagaggacc attcatgcaa tgactatttc taaagcacct gctacacagc 50

<210> 191
<211> 50
<212> DNA
<213> Homo sapiens

<400> 191
gggagtttct gagggctctgc tttggttacc tttcgtgcgg tggattcttt 50

<210> 192
<211> 50
<212> DNA
<213> Homo sapiens

<400> 192
tcggaggagt cggacgagga tatgggattt ggtctctttg actaatcacc 50

<210> 193
<211> 50
<212> DNA

<213> Homo sapiens

<400> 193

ttccttctc ggtggtgta atcatttcgt tttaccctt taccttcgga 50

<210> 194

<211> 50

<212> DNA

<213> Homo sapiens

<400> 194

gtctacatca actattacga catgaacgcg gccaatgtgg gctggaacaa 50

<210> 195

<211> 50

<212> DNA

<213> Homo sapiens

<400> 195

cagaaggggc aaaaagctcc agcccagaaa gcacctgctc caaaggcac 50

<210> 196

<211> 50

<212> DNA

<213> Homo sapiens

<400> 196

gaccttctg ccaccagtca ctgtccctca atgacccaa agaccaatat 50

<210> 197

<211> 50

<212> DNA

<213> Homo sapiens

<400> 197

gagatgggga gggctaccac agagttatcc actttacaac ggagacacag 50

<210> 198

<211> 50

<212> DNA

<213> Homo sapiens

<400> 198

atgggtttgg cttgaggctg gtagcttcta tgtaattcgc aatgattcca 50

<210> 199

<211> 50

<212> DNA

<213> Homo sapiens

<400> 199

catccctcca tgtactctgg gtatcagcaa ctgtcctcat cagtctccat 50

<210> 200

<211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 200
 accttacagg agatcatcaa aactttgaac agcctcacag agcagaagac 50

 <210> 201
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 201
 gagaagacag tggcgaccaa gacgattttc tgccttagag caagggattc 50

 <210> 202
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 202
 caggggatca gtgaaggaag agaaggccag cagatcagtg agagtgcaac 50

 <210> 203
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 203
 cccattccct ctctactctt gacagcagga ttggatgttg tgtattgtgg 50

 <210> 204
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 204
 acttaatatg tgggaaacct ttttgcgtgg tccttaggct tacaatgtgc 50

 <210> 205
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 205
 aaaatacaag ggctgttggg gagagcagac ttgaggtgat gatagttggc 50

 <210> 206
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 206
 ccagattttc cccaaacttg cttctgttga gatttttccc tcaccttgcc 50

<210> 207
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 207
 accttggggt gagtaatgct cgtctgtgtg ttttagtttc atcacctgtt 50

 <210> 208
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 208
 aaactcccct ttcttgaggt tgtctgagtc ttgggtctat gccttgaaaa 50

 <210> 209
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 209
 ctcagtgttg gtgtgggtgat gtttgttgc tttatgattt catattgtgc 50

 <210> 210
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 210
 ctgtatcttt gacaattctg ggtgcgagtg tgagagtgtg agcagggctt 50

 <210> 211
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 211
 gataagtgtc ctatggggat ggtccactgt cactgtttct ctgctgttgc 50

 <210> 212
 <211> 60
 <212> DNA
 <213> Homo sapiens

 <400> 212
 tttagccaaa ggataagtgt cctatgggga tggccactg tcactgtttc tctgctgttg 60

 <210> 213
 <211> 70
 <212> DNA
 <213> Homo sapiens

 <400> 213

atztatatta gtttagccaa aggataagtg tcctatgggg atggtccact gtcactgttt 60

ctctgctgtt 70

<210> 214

<211> 50

<212> DNA

<213> Homo sapiens

<400> 214

gaaggaagaa gtgggggtgga agaagtgggg tgggacgaca gtgaaatcta 50

<210> 215

<211> 50

<212> DNA

<213> Homo sapiens

<400> 215

ccatcaatga ggtatcttct ttagtgggtg tatgtaatgg aacttagcca 50

<210> 216

<211> 50

<212> DNA

<213> Homo sapiens

<400> 216

aaagacgtgc actcaacctt ctaccaggcc actctcagge tcaccttaa 50

<210> 217

<211> 50

<212> DNA

<213> Homo sapiens

<400> 217

ccaagctgct tgtcctgggc ctgcccctgt gtattcacca ccaataaatc 50

<210> 218

<211> 50

<212> DNA

<213> Homo sapiens

<400> 218

cactggggac gagacaggtg ctaaagttga acgagctgat ggatatgaac 50

<210> 219

<211> 50

<212> DNA

<213> Homo sapiens

<400> 219

cgttgctgaa gtggtaattg aggaaaacag ttccccagat tgtaagagt 50

<210> 220

<211> 50

<212> DNA
 <213> Homo sapiens

<400> 220
 ctccccgtga gcactgcgta caaacatcca aaagttcaac aacaccagaa 50

<210> 221
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 221
 agtgcctttc aggatctatt tttggaggtt tattacgtat gtctggttct 50

<210> 222
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 222
 agaacaaact aagccaggta tgcaaatac gctgaataga aacagatgga 50

<210> 223
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 223
 agaacaaact aagccaggta tgcaaatac gctgaataga aacagatgga 50

<210> 224
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 224
 gcaattcctc aggctaagct gccggttctt aaatccatcc tgctaagtta 50

<210> 225
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 225
 tcctggtggc tctttgtgga ggaaactaaa cattcccttg atggtctcaa 50

<210> 226
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 226
 ctttgggttg gagctgttcc attgggtcct cttgggtgctg tttccctccc 50

<210> 227
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 227
 agaaaaagct tgggttaact cagtagttag atcaaagcaa atgtggactg 50

<210> 228
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 228
 acagatgtag caacatgaga aacgcttatg ttacaggta catgagagca 50

<210> 229
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 229
 tgtttaatgg tagttttaca gtgtttctgg cttagaacaa aggggcttaa 50

<210> 230
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 230
 tgccagcata tactgaagtc ttttctgtca ccaaattgt acctctaagt 50

<210> 231
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 231
 gctgcatatg agtaaagta cccaaccac agtgaggagg aagatgttca 50

<210> 232
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 232
 aaacctccag tactttggtt gacccttgta tgtcacagct ctgctctatt 50

<210> 233
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 233
 acctgatcaa tgacagagcc ttctgaggac attccaagac agtatacagt 50

<210> 234
<211> 50
<212> DNA
<213> Homo sapiens

<400> 234
gcccttcct tcttggttc caaaggcatt tattgctgag ttatatgttc 50

<210> 235
<211> 50
<212> DNA
<213> Homo sapiens

<400> 235
ctgattgtag cagcctcggt agtgtcaccc cctcctcct gatctgtcag 50

<210> 236
<211> 50
<212> DNA
<213> Homo sapiens

<400> 236
accaaaaaga atagggaaaa acaagaattt catgactcta cctgtggctt 50

<210> 237
<211> 50
<212> DNA
<213> Homo sapiens

<400> 237
gacttttcca accctcatca ccaactgtctg tgccattttg tattttacta 50

<210> 238
<211> 50
<212> DNA
<213> Homo sapiens

<400> 238
gctcgctacc agaaatccta ccgataagcc catcgtgact caaaactcac 50

<210> 239
<211> 50
<212> DNA
<213> Homo sapiens

<400> 239
acctgagtcc cacaacaatt gaaactgcaa tgaagtctcc ttattctgct 50

<210> 240
<211> 50
<212> DNA
<213> Homo sapiens

<400> 240
 aattgatgag gatgctcctg ggagggatgc gtgactatgt ggtggtgcac 50

<210> 241
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 241
 tgaaatatgg gaaagttgct gctattgatt cagggctctg cttggaggca 50

<210> 242
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 242
 caactgatag ccacgctgaa gaatggaagg aaaatttctg tggacctgca 50

<210> 243
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 243
 tgtgtaaata cataagcggc gtaagtttaa aggatggttg tgttccacgt 50

<210> 244
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 244
 aaccctctc caatggaaat tcccgtgttg cttcaaactg agacagatgg 50

<210> 245
 <211> 60
 <212> DNA
 <213> Homo sapiens

<400> 245
 cctccaatgg aaattcccgt gttgcttcaa actgagacag atgggactta acaggcaatg 60

<210> 246
 <211> 70
 <212> DNA
 <213> Homo sapiens

<400> 246
 ccaaccctcc tccaatggaa attcccgtgt tgcttcaaac tgagacagat gggacttaac 60
 aggcaatggg 70

<210> 247

<211> 50
<212> DNA
<213> Homo sapiens

<400> 247
aatcatcatc tggatttagg aattgctctt gtcatacccc caagtttcta 50

<210> 248
<211> 50
<212> DNA
<213> Homo sapiens

<400> 248
gcaagacata gaatagtgtt ggaaaatgtg caatatgtga tgtggcaaat 50

<210> 249
<211> 50
<212> DNA
<213> Homo sapiens

<400> 249
tctccatctt ggtataaata cacttccaca gtcagcacgg ggatcacaga 50

<210> 250
<211> 50
<212> DNA
<213> Homo sapiens

<400> 250
tctccttact gggatagtca ggtaaacagt tggtaagac tttgtaaaga 50

<210> 251
<211> 50
<212> DNA
<213> Homo sapiens

<400> 251
acctatgatg agctcctctt cctggcttct tactgaaagg ttaccctgta 50

<210> 252
<211> 50
<212> DNA
<213> Homo sapiens

<400> 252
tgacatcata ttctttcaga gaagtgtccc aggacatgat aataagatgc 50

<210> 253
<211> 50
<212> DNA
<213> Homo sapiens

<400> 253
atcagaaacc gaagattaac tacacagctc cagaagactc agacctcaaa 50

<210> 254
<211> 50
<212> DNA
<213> Homo sapiens

<400> 254
caggttctta agggattctc cgttttgggt ccattttgta cacgtttgga 50

<210> 255
<211> 50
<212> DNA
<213> Homo sapiens

<400> 255
ctagaagatc cacatcctct acaggtcggg gaccaaaggc tgattcttgg 50

<210> 256
<211> 50
<212> DNA
<213> Homo sapiens

<400> 256
cttcttttgc catgtttcca ttctgccatc ttgaattgac ttgtcagcca 50

<210> 257
<211> 50
<212> DNA
<213> Homo sapiens

<400> 257
catggagact tgaggagggc ttgaggttgg tgaggtagg tgcgtgttcc 50

<210> 258
<211> 50
<212> DNA
<213> Homo sapiens

<400> 258
cccatgtaag cacccttca ttggcattc cccacttgag aattaccctt 50

<210> 259
<211> 50
<212> DNA
<213> Homo sapiens

<400> 259
cttgggccag actgtcaggg ttcaaggagg gcatcaggag cagacggaga 50

<210> 260
<211> 50
<212> DNA
<213> Homo sapiens

<400> 260

cctccgctca actagcagat acagggatga ggcagacctg actctcttaa 50

<210> 261
<211> 50
<212> DNA
<213> Homo sapiens

<400> 261
cagcggaacc cttagcacc acatggacca acagttcttc caaacttgac 50

<210> 262
<211> 50
<212> DNA
<213> Homo sapiens

<400> 262
atgcctggtg cttccaaata ttgttgacaa ctgtgactgt acccaaattg 50

<210> 263
<211> 50
<212> DNA
<213> Homo sapiens

<400> 263
cctctctcca aaccgtttt ccaacatttg ttaatagtta cgtctctcct 50

<210> 264
<211> 50
<212> DNA
<213> Homo sapiens

<400> 264
tcattgttg tgtgactgag taaagaattt ttggatcaag cggaaagagt 50

<210> 265
<211> 50
<212> DNA
<213> Homo sapiens

<400> 265
tgaggatgta gagagaacag gtgggctgta ttcacgccat tggttggaag 50

<210> 266
<211> 50
<212> DNA
<213> Homo sapiens

<400> 266
gaaattaaat gggttccagg tcttaaagaa agtcagaag agatgggtcaa 50

<210> 267
<211> 50
<212> DNA
<213> Homo sapiens

<400> 267
aaccactatc atctacggca caaacttgca aaagctgtcc acaccatttt 50

<210> 268
<211> 50
<212> DNA
<213> Homo sapiens

<400> 268
cccgttttgg ggacgtgaac gttttaataa tttttgctga attcctttaca 50

<210> 269
<211> 50
<212> DNA
<213> Homo sapiens

<400> 269
tcagttttca ggagtggtt gatttcagca cctacagtgt acagtcttgt 50

<210> 270
<211> 50
<212> DNA
<213> Homo sapiens

<400> 270
agcctatctg cttaagagac tctggagttt cttatgtgcc ctggtggaca 50

<210> 271
<211> 50
<212> DNA
<213> Homo sapiens

<400> 271
gagtagaagg acaacagggc agcaacttgg agggagtctt ctggggatgg 50

<210> 272
<211> 50
<212> DNA
<213> Homo sapiens

<400> 272
gttctggaac taaagggatc tgaacaaca ttcattgtgt aatatgcaga 50

<210> 273
<211> 60
<212> DNA
<213> Homo sapiens

<400> 273
tggaactaaa gggatctgaa acaacattca tgtgtgaata tgcagatgag acagcaacca 60

<210> 274
<211> 70

<212> DNA
 <213> Homo sapiens

 <400> 274
 cagggactta atcagcaata tcaacgtaat agttctggaa ctaaagggat ctgaaacaac 60
 attcatgtgt 70

 <210> 275
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 275
 acccattcca tttatctttc tacagggctg acattgtggc acattcttag 50

 <210> 276
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 276
 tgaacctcca acaggaag ctctgtccag aaaggattga atgtgaaacg 50

 <210> 277
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 277
 tgaaggagat gatgagaatc ttattccagg gaccaacatt aacacaacca 50

 <210> 278
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 278
 ctctctggag gtactgagac aggggtctga tgggaaggag gggagccttt 50

 <210> 279
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 279
 ctcttcggca aatgtagcat gggcacctca gattgttgtt gtaaatgggc 50

 <210> 280
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 280
 ttccagaaag aaaagatgag agggatgaga ggcaagatat gaagatgaaa 50

<210> 281
<211> 50
<212> DNA
<213> Homo sapiens

<400> 281
ggccagcctg gaccaatca tgaggaagat gcagactctt atgagaacat 50

<210> 282
<211> 50
<212> DNA
<213> Homo sapiens

<400> 282
aatgtttgcc cagaataaag aaaataagct ttgcacacac tctcaattct 50

<210> 283
<211> 50
<212> DNA
<213> Homo sapiens

<400> 283
gggaaagaaa taccaaccct gcaataagtg tactaaactc tacgctctgg 50

<210> 284
<211> 50
<212> DNA
<213> Homo sapiens

<400> 284
caccagcgcc ttggctttgt gttagcattt cctcctgaag tgttctggtg 50

<210> 285
<211> 50
<212> DNA
<213> Homo sapiens

<400> 285
acatcgtgat tctccagctc aacgggtcgg ccaccatcaa cgccaacgtg 50

<210> 286
<211> 50
<212> DNA
<213> Homo sapiens

<400> 286
agctacgtat ccacgtgat ggcacttaca tggtaacacat ccaggtgacg 50

<210> 287
<211> 50
<212> DNA
<213> Homo sapiens

<400> 287
 ccacactgaa tctcccctcc tcacagttgc catgtagacc cttgaagag 50

<210> 288
 <211> 60
 <212> DNA
 <213> Homo sapiens

<400> 288
 cagtccccca ccacactgaa tctcccctcc tcacagttgc catgtagacc cttgaagag 60

<210> 289
 <211> 70
 <212> DNA
 <213> Homo sapiens

<400> 289
 ccacgtagac cccttgaaga ggggaggggc ctagggagcc gcaccttgtc atgtaccatc 60
 aataaagtac 70

<210> 290
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 290
 ctcttcaagg ggtctacatg gcaactgtga ggaggggaga ttcagtgtgg 50

<210> 291
 <211> 60
 <212> DNA
 <213> Homo sapiens

<400> 291
 ctcttcaagg ggtctacatg gcaactgtga ggaggggaga ttcagtgtgg tgggggactg 60

<210> 292
 <211> 70
 <212> DNA
 <213> Homo sapiens

<400> 292
 gtactttatt gatggtacat gacaaggtgc ggctccctag gcccctcccc tcttcaaggg 60
 gtctacatgg 70

<210> 293
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 293
 ttccttggt ccctcccatg cctagctgga ttgcagagtt aagtttatga 50

<210> 294
 <211> 60
 <212> DNA
 <213> Homo sapiens

<400> 294
 tttccttggt cctcccatg cctagctgga ttgcagagtt aagtttatga ttatgaaata 60

<210> 295
 <211> 70
 <212> DNA
 <213> Homo sapiens

<400> 295
 gttccatggt ttccttggtc cctcccatgc cttagctggat tgcagagtta agtttatgat 60
 tatgaaataa 70

<210> 296
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 296
 tcataaactt aactctgcaa tccagctagg catgggaggg aacaaggaaa 50

<210> 297
 <211> 60
 <212> DNA
 <213> Homo sapiens

<400> 297
 tatttcataa tcataaactt aactctgcaa tccagctagg catgggaggg aacaaggaaa 60

<210> 298
 <211> 70
 <212> DNA
 <213> Homo sapiens

<400> 298
 ttatttcata atcataaact taactctgca atccagctag gcatgggagg gaacaaggaa 60
 aacatggaac 70

<210> 299
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 299
 gtcattccacc tggccctcaa ggagagaggg gggaggaaga agtagacaag 50

<210> 300
 <211> 50

<212> DNA
<213> Homo sapiens

<400> 300
tgactgagga ggagaagaat atcaaattggg gttgagtgtg cagatctctg 50

<210> 301
<211> 50
<212> DNA
<213> Homo sapiens

<400> 301
tggttttcca aaatgcacac tgcgggttat tgatttgttc ttacaacta 50

<210> 302
<211> 50
<212> DNA
<213> Homo sapiens

<400> 302
actgtcagca tgttggttgtt gaagtgtgga gttgtaactc tgcgtggact 50

<210> 303
<211> 50
<212> DNA
<213> Homo sapiens

<400> 303
tgagtcacat cctgggatcc agtgtataaa tccaatatca tgtcttctgc 50

<210> 304
<211> 50
<212> DNA
<213> Homo sapiens

<400> 304
gttctgctac tgcgaattga tgacatcgtt tcaggccaca aaaagaaagg 50

<210> 305
<211> 50
<212> DNA
<213> Homo sapiens

<400> 305
acattccctt ggatgtagtc tgaggccctt taactcatct gttatcctgc 50

<210> 306
<211> 50
<212> DNA
<213> Homo sapiens

<400> 306
actggcttcc atcagtggta actgctttgg tctcttcttt catctgggga 50

<210> 307
<211> 50
<212> DNA
<213> Arabidopsis thaliana

<400> 307
ccattggaga acttggcaac tcaactggcg gatccatggc acaacaacat 50

<210> 308
<211> 50
<212> DNA
<213> Arabidopsis thaliana

<400> 308
ttttctcctt tgtgtaattg tggattggat cttgtcctct tttgttcctt 50

<210> 309
<211> 50
<212> DNA
<213> Arabidopsis thaliana

<400> 309
tattctttcg tgtcagggt tgaaccaagt atccccgctt cttctacccc 50

<210> 310
<211> 50
<212> DNA
<213> Arabidopsis thaliana

<400> 310
catcaagtga agtggggaat aacgacatca tttgctgaa gagtatggtt 50

<210> 311
<211> 50
<212> DNA
<213> Arabidopsis thaliana

<400> 311
aatgagggca ttggtttgct agttgctaata tgatcagtga tgtattgtca 50

<210> 312
<211> 50
<212> DNA
<213> Arabidopsis thaliana

<400> 312
tggaatcaac aagatggctt ctttccccac caaaactaag tgatcatcag 50

<210> 313
<211> 50
<212> DNA
<213> Arabidopsis thaliana

<400> 313
tggaccgtaa tgaatgaatg tacacgccat aaacgccctt tgttcaagca 50

<210> 314
 <211> 50
 <212> DNA
 <213> Arabidopsis thaliana

 <400> 314
 cctcactctt gtaccacg tagattcatg taaaatacca cttatgacgc 50

 <210> 315
 <211> 50
 <212> DNA
 <213> Arabidopsis thaliana

 <400> 315
 ggtagcgac cttggtgtg ttggtgtgtt cttacatctt cttcttgaac 50

 <210> 316
 <211> 50
 <212> DNA
 <213> Arabidopsis thaliana

 <400> 316
 ggcgaaaagg acggtcttgc ttgtttgtaa tttgtgtgga gataaaaaga 50

 <210> 317
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 317
 cccttttgt ccccaactt gagatgatg aaggctttg gtctccctgg 50

 <210> 318
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 318
 tgaaatatca gactagtac aagctcctg tcttgagatg tcttctcgtt 50

 <210> 319
 <211> 60
 <212> DNA
 <213> Homo sapiens

 <400> 319
 ggttgagtta cttcctatca agccagtacc gtgctaacag gctcaatatt cctgaatgaa 60

 <210> 320
 <211> 70
 <212> DNA
 <213> Homo sapiens

<400> 320
 gttgagttac ttcctatcaa gccagtaccg tgctaacagg ctcaatattc ctgaatgaaa 60
 tatcagacta 70

<210> 321
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 321
 aacgagaaga catctcaaga ccaggagctt gtcactagtc tgatatttca 50

<210> 322
 <211> 60
 <212> DNA
 <213> Homo sapiens

<400> 322
 ttcattcagg aatattgagc ctggttagcac ggtactggct tgataggaag taactcaacc 60

<210> 323
 <211> 70
 <212> DNA
 <213> Homo sapiens

<400> 323
 tagtctgata tttcattcag gaatattgag cctggttagca cggtactggc ttgataggaa 60
 gtaactcaac 70

<210> 324
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 324
 tttcaagaca gaaagtgacg cagagaacct ccccggccca gtctcgacgc 50

<210> 325
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 325
 gcgtcgagac tgggccgggg aggttctctg cgtcactttc tgtcttgaaa 50

<210> 326
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 326
 cctagacacc tgcattcagtc aaggtcatgg atattgggaa gacagacagc 50

<210> 327
<211> 50
<212> DNA
<213> Homo sapiens

<400> 327
gctgtctgtc ttccaatat ccatgacctt gactgatgca ggtgtctagg 50

<210> 328
<211> 50
<212> DNA
<213> Homo sapiens

<400> 328
aaataagaag aggaaagaga gaggcctgcc ctaaccact gttgtgctga 50

<210> 329
<211> 50
<212> DNA
<213> Homo sapiens

<400> 329
tcagcacaac agtgggtag ggcaggcctc tctcttctc cttcttattt 50

<210> 330
<211> 50
<212> DNA
<213> Homo sapiens

<400> 330
ctcatgctg cagtgtgct catgttgccc ccttgaatt acttgttcaa 50

<210> 331
<211> 50
<212> DNA
<213> Homo sapiens

<400> 331
ttgaacaagt aattccaagg gggcaacatg agcagcactg caggcatgag 50

<210> 332
<211> 50
<212> DNA
<213> Homo sapiens

<400> 332
ccaatttcta taattattga acagcttttc gtggggccag cacaaagtct 50

<210> 333
<211> 50
<212> DNA
<213> Homo sapiens

<400> 333

agactttgtg ctggccccac gaaaagctgt tcaataatta tagaaattgg 50

<210> 334
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 334
 tggctacaaa tagagtagag aacagactcc agtcctcaaa gactttcagt 50

<210> 335
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 335
 actgaaagtc tttgaggact ggagtctgtt ctctactcta tttgtagcca 50

<210> 336
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 336
 agttaagatg gaagaatata gagaccttct gaagagcact gtagcttgga 50

<210> 337
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 337
 tccaagctac agtgctcttc agaaggtctc tatattcttc catcttaact 50

<210> 338
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 338
 cactcctatg gcatgtggaa gcaggtctga gcagtgtgca tagaagaaaa 50

<210> 339
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 339
 ttttcttcta tgcacactgc tcagacctgc ttccacatgc cataggagtg 50

<210> 340
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 340
gctctccggt gacaatggcc aaagaataga agctctagac cttccttatt 50

<210> 341
<211> 50
<212> DNA
<213> Homo sapiens

<400> 341
aataaggaag gtctagagct tctattcttt ggccattgtc aacggagagc 50

<210> 342
<211> 50
<212> DNA
<213> Homo sapiens

<400> 342
ggcaaaacgc acctggcaca acagaacgaa taatacagaa gctggatgac 50

<210> 343
<211> 50
<212> DNA
<213> Homo sapiens

<400> 343
gtcatccagc ttctgtatta ttcgttctgt tgtgccaggt gcgttttgcc 50

<210> 344
<211> 50
<212> DNA
<213> Homo sapiens

<400> 344
tagccatttc ttctgattg tgccctagat atcccagaca gtttgtttct 50

<210> 345
<211> 50
<212> DNA
<213> Homo sapiens

<400> 345
agaaacaaac tgtctgggat atactaggca caatcaggaa gaaatggcta 50

<210> 346
<211> 50
<212> DNA
<213> Homo sapiens

<400> 346
ggttggaatg gtgatcggga tgcagtgaga tactcttgtg agagggcaaa 50

<210> 347
<211> 50

<212> DNA
 <213> Homo sapiens

 <400> 347
 ttgcccctct cacaagagta tctcactgca tcccgatcac cattccaacc 50

 <210> 348
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 348
 gccatgagat tcaacagtca acatcagtct gataagctac ccgacaaagt 50

 <210> 349
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 349
 actttgtcgg gtagcttatac agactgatgt tgactgttga atctcatggc 50

 <210> 350
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 350
 aagaggacaa gtttgagagg caacacttaa acactagggc tactgtggca 50

 <210> 351
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 351
 tgccacagta gccttagtgt ttaagtgttg cctctcaaac ttgtcctctt 50

 <210> 352
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 352
 atttgcttta aattgagttt ccttgccatt gcacactcct atctttctga 50

 <210> 353
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 353
 tcagaaagat aggagtgtgc aatggcaagg aaactcaatt taaagcaaat 50

<210> 354
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 354
 aaaagtcact accaggctgg caggaatgg ggcaatctat tcatactgat 50

<210> 355
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 355
 atcagtatga atagattgcc ccattccctg ccagcctggt agtgactttt 50

<210> 356
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 356
 atattgattt ggatacggtg aataagctgg acaagatggt gaggagaggg 50

<210> 357
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 357
 ccctctctc aacatcttgt ccagcttatt caccgtatcc aaatcaatat 50

<210> 358
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 358
 aatgtgcaag gtgaaatgct tttggataaa cgtaagccta ttttctgacg 50

<210> 359
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 359
 cgtcagaaaa taggcttacg tttatccaaa agcatttcac cttgcacatt 50

<210> 360
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 360
 ttcactctta aggcacactt gctaccctc tttgctgacc ccagattgtg 50

<210> 361
<211> 50
<212> DNA
<213> Homo sapiens

<400> 361
cacaatctgg ggtcagcaaa gaggggtagc aagtgtgcct tagagatgaa 50

<210> 362
<211> 50
<212> DNA
<213> Homo sapiens

<400> 362
ttctggcaag ctcttgtcat ggtgttcgac acttccttct gtcttcttgg 50

<210> 363
<211> 50
<212> DNA
<213> Homo sapiens

<400> 363
ccaagaagac agaaggaagt gtcgaacacc atgacaagag cttgccagaa 50

<210> 364
<211> 50
<212> DNA
<213> Homo sapiens

<400> 364
gtcaatgta gccattatt tgtttcaaca gttgcagaac agatatttca 50

<210> 365
<211> 50
<212> DNA
<213> Homo sapiens

<400> 365
tgaaatatct gttctgcaac tgttgaaaca aataattgga tacattgacc 50

<210> 366
<211> 50
<212> DNA
<213> Homo sapiens

<400> 366
tgaaaagaca gctaatttgg tccaacaac atgactgggt ctagggcacc 50

<210> 367
<211> 50
<212> DNA
<213> Homo sapiens

<400> 367
 ggtgccctag acccagtcac gtttggtgga ccaaattagc tgtcttttca 50

<210> 368
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 368
 tggatcattg cccaaagttg cacgcactga ctccttacct gtgaggaatg 50

<210> 369
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 369
 cattcctcac aggtaaggag tcagtgcgtg caactttggg caatgatcca 50

<210> 370
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 370
 ttaaaacatt aaaagattga ctccactttg tgccaagctc tgcgggtagg 50

<210> 371
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 371
 cctaccgcga gagcttgga caaagtggag tcaatctttt aatgttttaa 50

<210> 372
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 372
 tgaatttga gtccctgga cataaatcta cttcaaate agaggtcctt 50

<210> 373
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 373
 aaggacctct gatttgaagg tagatttatg tgccaggac tccaaattca 50

<210> 374
 <211> 50
 <212> DNA

<213> Homo sapiens
 <400> 374
 tgggtcagag acgaaaaggg ctattattag gtcaaacatt acagaaatca 50

<210> 375
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 375
 tgatttctgt aatgtttgac ctaataatag cccttttcgt ctctgaccca 50

<210> 376
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 376
 ctgatttaac aggtggttct gcgggcgtcc aggtcaacat ctttttgtcc 50

<210> 377
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 377
 ggacaaaaag atgttgacct ggacgcccgc agaaccacct gttaaatacag 50

<210> 378
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 378
 gtcacttag cgagcgggaa aacaatggcg gaaagggaaa acctggaaag 50

<210> 379
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 379
 ctttccaggt tttcccttc cgccattggt ttcccgctcg ctaaagtac 50

<210> 380
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 380
 taattaatag agctcactta agattgccca tcaagaaaca ggagggtggt 50

<210> 381

<211> 50
<212> DNA
<213> Homo sapiens

<400> 381
accaccctcc tgtttcttga tgggcaatct taagtgagct ctattaatta 50

<210> 382
<211> 50
<212> DNA
<213> Homo sapiens

<400> 382
agtcctgctg aatcattggt ttatagaaga ctatctggag ggctgatag 50

<210> 383
<211> 50
<212> DNA
<213> Homo sapiens

<400> 383
ctatcaggcc ctccagatag tcttctataa accaatgatt cagcaggact 50

<210> 384
<211> 50
<212> DNA
<213> Homo sapiens

<400> 384
atgtgattcc atgataatca aatagtgaat acattataaa gtcagcaact 50

<210> 385
<211> 50
<212> DNA
<213> Homo sapiens

<400> 385
atatatgggg gctgggcctc gggactctcg ctctaataaa ggactgtagg 50

<210> 386
<211> 50
<212> DNA
<213> Homo sapiens

<400> 386
ttttgacca gatgatggtt cctttacaga acaataaaat ggctgaacat 50

<210> 387
<211> 50
<212> DNA
<213> Homo sapiens

<400> 387
tgagcactgg aaacagtttc atggagttha agttgagtga acatcggcca 50

<210> 388
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 388
 atgcatttag tttttggcac cgtagttaa ggggtgggatt gccagttttt 50

 <210> 389
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 389
 ggttgtgtct ctggtttccc cttttccccg tggttttaat ttttaagaac 50

 <210> 390
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 390
 ggaggacacc cctgtgtggt gctgctgcct tccgtgctgt ctactgtatc 50

 <210> 391
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 391
 gcatcagaga gaatatggaa ggacatcgac cctaacttca tccagtgagg 50

 <210> 392
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 392
 accatagcag acagggtcag atggaatatt agcggtttag gtgaagaacc 50

 <210> 393
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 393
 agacagaaga caaggccaaa tgggtgtctc tggaatgata gacttagaaa 50

 <210> 394
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 394

atccacattc ttacctttgg tagtcagggtt tggctacttt gcagctcgcc 50

<210> 395
<211> 50
<212> DNA
<213> Homo sapiens

<400> 395
atagcagtg attaccaaca ccttgacttc ttgtacagt ctaacatctt 50

<210> 396
<211> 50
<212> DNA
<213> Homo sapiens

<400> 396
tagtaaaagt gaaagagaaa gggtttttcc tgccacagga tataactttt 50

<210> 397
<211> 50
<212> DNA
<213> Homo sapiens

<400> 397
aaagcggtcg tttcccaca aggtgtccaa ctttgcgta ctcacactta 50

<210> 398
<211> 50
<212> DNA
<213> Homo sapiens

<400> 398
ctaggcccgc ccacccaac cttctggtgg ggagaaataa acggtttaga 50

<210> 399
<211> 50
<212> DNA
<213> Homo sapiens

<400> 399
tgcactaaac agttgcccc aagacatat cttgttttaa ggcccagacc 50

<210> 400
<211> 50
<212> DNA
<213> Homo sapiens

<400> 400
ttggatgaag ctgaaaagac actaagacct tctgtgcctc agatccctga 50

<210> 401
<211> 50
<212> DNA
<213> Homo sapiens

<400> 401
 gtgtggccta agaacacct cttgtgggga gtaagagcca gcccttctcc 50

<210> 402
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 402
 aaggatgaag gactgatgga gggcagagga actggaggca gcaggcacia 50

<210> 403
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 403
 agatgtctgt ataaacaacc tttgggtagc aggtggtcag ttaggcagga 50

<210> 404
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 404
 tgcttgtctt ttaaacaacc tcacagatat catttgcacc ttgccaaagg 50

<210> 405
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 405
 gggtaggcag cttgcacca gttctccttt atctcaactt attttctg 50

<210> 406
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 406
 ccggtgtccc tgagtgaggg caaagttgta ataacacttg ttctctcctt 50

<210> 407
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 407
 acggcgttct gaaatttagc aactgggaa gtccacatgg ttcactgaa 50

<210> 408
 <211> 50

<212> DNA
<213> Homo sapiens

<400> 408
aatgagatca cagatggtga cactgagcgg aaggatgcag tacctcggag 50

<210> 409
<211> 50
<212> DNA
<213> Homo sapiens

<400> 409
tccttgcaaa acatttggct agtgggtgttc agagaaatac caaaacgtgt 50

<210> 410
<211> 50
<212> DNA
<213> Homo sapiens

<400> 410
ggcaaagggg aaggatgatg ccatgtagat cctgtttgac atttttatgg 50

<210> 411
<211> 50
<212> DNA
<213> Homo sapiens

<400> 411
actgtaacc aaatttggag caaggagtct caaaggaat tctgaaccag 50

<210> 412
<211> 50
<212> DNA
<213> Homo sapiens

<400> 412
actagcagat tgaatcgata ttcattaagt taggaatggt tgggtgctct 50

<210> 413
<211> 50
<212> DNA
<213> Homo sapiens

<400> 413
aattgtgctt tgtatcagtc agtgctggag aaatcttgaa tagcttatgt 50

<210> 414
<211> 50
<212> DNA
<213> Homo sapiens

<400> 414
aggaaaccaa gccctcacag gaaagaaagc ctgaatcaag aaaacaaagt 50

<210> 415
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 415
 actgagcagg acaactgacc tgtctccttc acatagtcca taccaccaca 50

<210> 416
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 416
 gcgtaaaacg ccagggccat cttcttactt aagccacatc ctgaaccagg 50

<210> 417
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 417
 agcgacaaga aggaatctgg tgaattttag tcatcccage tttttagtct 50

<210> 418
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 418
 gctggggctg agagagggtc tgggttatct ccttctgac ttcaaaaaca 50

<210> 419
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 419
 tcatggacac aaactttgga gtataagcga catcccttaa gcaacaggct 50

<210> 420
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 420
 attcaagtca gggcctctct gccttttcc ctccagaac aaaaccaaga 50

<210> 421
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 421
 tgtttgtagc actagcattc ttatgtctgt acttgaacgt gtagttagca 50

<210> 422
<211> 50
<212> DNA
<213> Homo sapiens

<400> 422
aatatagctc cactaaagga ccatagggaa gagccagcct tgccttttct 50

<210> 423
<211> 50
<212> DNA
<213> Homo sapiens

<400> 423
gacagtccat taagttgatt tccagtgggtg aagggtcaga cacgcctccc 50

<210> 424
<211> 50
<212> DNA
<213> Homo sapiens

<400> 424
cctgggttgc cttgtaatga aaagggagat cgagccattg taccacctta 50

<210> 425
<211> 50
<212> DNA
<213> Homo sapiens

<400> 425
gttcaactgtt taacagccag aagccagagc ctgcgtacta gaagtggatg 50

<210> 426
<211> 50
<212> DNA
<213> Homo sapiens

<400> 426
ttgtcaagtg gatctgcccc aaagtttgct ttgaggaaac gggcctccct 50

<210> 427
<211> 50
<212> DNA
<213> Homo sapiens

<400> 427
cttgtatgga aaacagatgc tgacagaatt gtagactacc atgccacaca 50

<210> 428
<211> 50
<212> DNA
<213> Homo sapiens

<400> 428
aaatctaaga cacccaaacc cctctttgtc cctaagtagc cctagcctgg 50

<210> 429
<211> 50
<212> DNA
<213> Homo sapiens

<400> 429
agctgtttaa ttgaattgga atcgttcac ttggaacca agtttgaaa 50

<210> 430
<211> 50
<212> DNA
<213> Homo sapiens

<400> 430
tttttctacg ttatctcatc tccttgtttt cagtgtgctt caataatgca 50

<210> 431
<211> 50
<212> DNA
<213> Homo sapiens

<400> 431
ctcccatctg cacacctgga tcaaggtagc ctctctgcac aagggcaggt 50

<210> 432
<211> 50
<212> DNA
<213> Homo sapiens

<400> 432
tgtttttget tcctcagaaa ctttttattg catctgccat ccttcattgg 50

<210> 433
<211> 50
<212> DNA
<213> Homo sapiens

<400> 433
acagccaact ggaaagatat aaaagtttgg gtctgtotcc tctccttcag 50

<210> 434
<211> 50
<212> DNA
<213> Homo sapiens

<400> 434
actcctgctt tagagagaag ccaccatgaa aagtcctcat catcagggga 50

<210> 435
<211> 50
<212> DNA

<213> Homo sapiens

<400> 435

tccgtactgt atgtgatata gtgccatttt cagtaactgc tgtacacaca 50

<210> 436

<211> 50

<212> DNA

<213> Homo sapiens

<400> 436

acttgccatt acttttcctt cccactctct ccaacatcac attcacttta 50

<210> 437

<211> 50

<212> DNA

<213> Homo sapiens

<400> 437

gtgagtgtga gcgagagggt gagggtggtc agagtaaagc tgctccaccc 50

<210> 438

<211> 50

<212> DNA

<213> Homo sapiens

<400> 438

taatatgctg gctttgcagc agaatgaaaa ggatgagttg gtgtagcctt 50

<210> 439

<211> 50

<212> DNA

<213> Homo sapiens

<400> 439

ttccttcctt ggaggaactc tttggttgca gggctaaact tagaggctgc 50

<210> 440

<211> 50

<212> DNA

<213> Homo sapiens

<400> 440

tctgacggtt gggagtggtg gaaattggaa ggataccagg aggtatttgg 50

<210> 441

<211> 50

<212> DNA

<213> Homo sapiens

<400> 441

tgattacaaa aggcgtattc tttcatggtt tctgcaatga gaggaagtgt 50

<210> 442

<211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 442
 tcatgcattg gattgctcag aataaagtgt ctgtagact tcgttttggt 50

 <210> 443
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 443
 tgacgttaac accaggaatc tccatgttta ttatTTTTcg tggaaactcc 50

 <210> 444
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 444
 ttgcaaagac tcacgttttt gttgttttct catcattcca ttgtgatact 50

 <210> 445
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 445
 agctgtacat ataacccttt tctcctaaag aggagtcagt cagtgtcct 50

 <210> 446
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 446
 agttcaggag atctctaagt gtagctgtaa attttgggggt taatttggt 50

 <210> 447
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 447
 tgtttggtg aggggtgctt ttagttgtgt ggcatttgta ttcattgatc 50

 <210> 448
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 448
 tcagcctgag tgagttcagc ctgtaaaaag gatgtaagc tgtgggtaaa 50

<210> 449
<211> 50
<212> DNA
<213> Homo sapiens

<400> 449
aggggaaaag aggggagaaa aacaggagtg atgtcatttc tttttcatgt 50

<210> 450
<211> 50
<212> DNA
<213> Homo sapiens

<400> 450
actttctgct tgtagttgct taaaattatg tattttgtct tgggctgcaa 50

<210> 451
<211> 50
<212> DNA
<213> Homo sapiens

<400> 451
aagcaactga atcttcagca tggtctcatc ggaggagcct tcttggttaa 50

<210> 452
<211> 50
<212> DNA
<213> Homo sapiens

<400> 452
tgattggagc actgaggaac aagggaatga aaaggcagac tctctgaacg 50

<210> 453
<211> 50
<212> DNA
<213> Homo sapiens

<400> 453
ttgtccaaac gaagcagccg tggtagtagc tgtctatgat tcttgctcag 50

<210> 454
<211> 50
<212> DNA
<213> Homo sapiens

<400> 454
tggtgcaata gaagctgcaa agatgtgcca ctttatctat gaaatggagt 50

<210> 455
<211> 50
<212> DNA
<213> Homo sapiens

<400> 455

ggcttccatg tccagaatcc tgcttaaggt tttagggtag cttcagtact 50

<210> 456
<211> 50
<212> DNA
<213> Homo sapiens

<400> 456
ttttggccag cttttctaga taaggttgta ttgctactgc aactaacaaa 50

<210> 457
<211> 50
<212> DNA
<213> Homo sapiens

<400> 457
cacacatcct ggtacccttg gtcttcaaag gccatttcca gcagaccctc 50

<210> 458
<211> 50
<212> DNA
<213> Homo sapiens

<400> 458
aaacatgtct ttttctcgcc tcaactttat ccacatgaaa tgtgtgcca 50

<210> 459
<211> 50
<212> DNA
<213> Homo sapiens

<400> 459
taagcataaa acctgacacg ttaaaatccc tgccctttgg tgagcccact 50

<210> 460
<211> 50
<212> DNA
<213> Homo sapiens

<400> 460
aacttgcat ttagcagtgc atgtttctaa ttgacttact gggaaactga 50

<210> 461
<211> 50
<212> DNA
<213> Homo sapiens

<400> 461
aggcctcagg ccacctccag gaacagaaca cagttttaag tttgattttt 50

<210> 462
<211> 50
<212> DNA
<213> Homo sapiens

<400> 462
tgagtcttag caatatggga gcaggttttc actgaattct gaggggcct 50

<210> 463
<211> 50
<212> DNA
<213> Homo sapiens

<400> 463
gttgcctcgg cacacaagga ggcgaggcta tgcgttcgag gccaacctag 50

<210> 464
<211> 50
<212> DNA
<213> Homo sapiens

<400> 464
tgggaacaca tagaactgat ggaggctttt cctaaggcca aggataatgt 50

<210> 465
<211> 50
<212> DNA
<213> Homo sapiens

<400> 465
ggattgaaca gttcagttgt atctatgcc cacagtgacc agtaaagtcc 50

<210> 466
<211> 50
<212> DNA
<213> Homo sapiens

<400> 466
cgatgactca ttaccaatc cccatgaact tgtttcagat ttgctctgtt 50

<210> 467
<211> 50
<212> DNA
<213> Homo sapiens

<400> 467
gtcgc aaagg ggataatctg ggaaagacac caaatcatgg gctcacttta 50

<210> 468
<211> 50
<212> DNA
<213> Homo sapiens

<400> 468
actcaagctc acacctgtac ctgatgggaa tgaacataat gtgaagaaac 50

<210> 469
<211> 50

<212> DNA
 <213> Homo sapiens

 <400> 469
 caccaaaata gttatgttgg cactgtgttc acacgcatgg tccccacacc 50

 <210> 470
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 470
 gtgcgctttc tttacaaca agcctctaga aacagatagt ttctgagaat 50

 <210> 471
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 471
 gtgtgtataa tgtaaagtag ttttgcatat tcttgtgctg cacatgggct 50

 <210> 472
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 472
 aggaatcctt ttctacattt gagcaaatac tgaggttcat gttgtaccaa 50

 <210> 473
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 473
 cgccttggct ttgtgttagc attcctcct gaagtgttct gttggcaata 50

 <210> 474
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 474
 agagattttc tattgctggg aaggtgtgtt tctcccacaa tttgtttgtg 50

 <210> 475
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 475
 tgcaaccaa ttggctttac catcttggct ttagtaggta tagaagacaa 50

<210> 476
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 476
 tgtcaaataa aagagaacga acaggtagtt tggaggagct gagctagtgt 50

<210> 477
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 477
 tcctgtagaa aacgaactgt aaaagaccat gcaagaggca aaataaaact 50

<210> 478
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 478
 acagtagctt tgtagtggtt tttctgtgct gtgcttttta atttcatgta 50

<210> 479
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 479
 gattcctgtc atgaaggaaa gcaagacagc tcacagacca gcggcatctg 50

<210> 480
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 480
 ttttctgtac ctttctaaac ctctcttccc tctgtgatgg ttttgtgttt 50

<210> 481
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 481
 aaatcttatt cctcctcttc tcccctcact tttcctact tcctctgcaa 50

<210> 482
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 482
 tggaatcaga catcttccag atggtttggga cctgtccat gtgtaggtca 50

<210> 483
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 483
 aathtagcac ctcaggaata acttattggt ttaggtcagt tcttggcggg 50

<210> 484
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 484
 aaccatgtaa ctccattgaa catttttcaa cttaaggtct gcatagcaga 50

<210> 485
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 485
 aaaccagggtt aatggctaag aatgggtaac atgactcttg ttggattggt 50

<210> 486
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 486
 ctcttgctg agcttctaca gggctgagag ctgcgctttg gggacttcag 50

<210> 487
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 487
 tttcctttgg ggcgatgatg tttaaccttt gctttagaag cacaagctgt 50

<210> 488
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 488
 atagaatgag cttgggtaag cacctctcct ttgcccttca cctgactcc 50

<210> 489
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 489
ttgagtagaa ctctgatttt ccctagaggc caaattcttt ttatctgggt 50

<210> 490
<211> 50
<212> DNA
<213> Homo sapiens

<400> 490
ttctaaacac attcttgatc accaaacaac ttcagaaaga cagtgactgt 50

<210> 491
<211> 50
<212> DNA
<213> Homo sapiens

<400> 491
tggagttgct tccagctgcc aaggcctgtg acagaattcg ctgtaagag 50

<210> 492
<211> 50
<212> DNA
<213> Homo sapiens

<400> 492
aatgatgcaa agttttattc ttgaacttgg aactgatgc catcaaacia 50

<210> 493
<211> 50
<212> DNA
<213> Homo sapiens

<400> 493
ggccagtaaa ttccatgttt ttggctatat ctcacccaaa ctgagcagtt 50

<210> 494
<211> 50
<212> DNA
<213> Homo sapiens

<400> 494
ttcccattgt cctoctactc aactaaaatt catagttggc tttagccca 50

<210> 495
<211> 50
<212> DNA
<213> Homo sapiens

<400> 495
gcatgtccta atgcttgctg ctgatttaa cacattaaag gtactttgca 50

<210> 496
<211> 50
<212> DNA

<213> Homo sapiens

<400> 496
acaatggcat aaaagtaact ttctctgaag atgtgatggt caggctgtga 50

<210> 497
<211> 50
<212> DNA
<213> Homo sapiens

<400> 497
aatggaaggc aggtgaagat ataaaaccct agaatgctta aatgtgctgt 50

<210> 498
<211> 50
<212> DNA
<213> Homo sapiens

<400> 498
ttaatgccag tcctcatgta acctcaggta tcttcagctt gtggagaata 50

<210> 499
<211> 50
<212> DNA
<213> Homo sapiens

<400> 499
tggagtatat gcctgaaaag gttttggatt cagaaagaaa aaggatggtt 50

<210> 500
<211> 50
<212> DNA
<213> Homo sapiens

<400> 500
aaagtaaggc atggttggtg ttaatctggt ttatttttgt tccacaagtt 50

<210> 501
<211> 50
<212> DNA
<213> Homo sapiens

<400> 501
ggtgtgtgtg tccagagtga gcaaggatta tgtttttggga ttgtcaaaga 50

<210> 502
<211> 50
<212> DNA
<213> Homo sapiens

<400> 502
aaccatttgc ctctggctgt gtcacagggt gagccccaaa attggggttc 50

<210> 503

<211> 50
<212> DNA
<213> Homo sapiens

<400> 503
gaaagtggag aggacctaac atatgtctct acctagaaag gatggtttca 50

<210> 504
<211> 50
<212> DNA
<213> Homo sapiens

<400> 504
accaactata aaccagttc taaagttgtg tatgatggtg aacctttggg 50

<210> 505
<211> 50
<212> DNA
<213> Homo sapiens

<400> 505
ggacctgaga cactgtggct gtctaataa atcctttaa aattctctgc 50

<210> 506
<211> 50
<212> DNA
<213> Homo sapiens

<400> 506
tttgggttc agttactgag tttcaaaaat gttttgggtg catgaggaca 50

<210> 507
<211> 50
<212> DNA
<213> Homo sapiens

<400> 507
cctgtttaag aaagtgaaat gttatgtct ccctcttcc aatgagctta 50

<210> 508
<211> 50
<212> DNA
<213> Homo sapiens

<400> 508
acggaccagg ccattcatta ttcctcaagt gttaataac tgacttatgc 50

<210> 509
<211> 50
<212> DNA
<213> Homo sapiens

<400> 509
acagttttgt caaaaagtgt atcttgacct caccatcagt actccattct 50

<210> 510
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 510
 tttggttcat ccgtgtgctg ttcttttggg ttctgagagg gttttgcat 50

 <210> 511
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 511
 ggcagtaatg caagagtcct tttgtgaaga gtgtttctat gtagagatgt 50

 <210> 512
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 512
 aatgcagag cagaatggac cagtggatgg acaaggagac aaccaggcc 50

 <210> 513
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 513
 agtgttcctg ctgccagttc tttctcttt aggcgtgggt gagaaaagc 50

 <210> 514
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 514
 cagtctctgc cacttgtgct agtttttgtg tgggttttag aaacatgggc 50

 <210> 515
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 515
 ttccacttag gtttggcatt ttggcagata agctaacttt gtataaagca 50

 <210> 516
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 516

gtaa atgcc tacatggtgt gatgctgcat tatatataaa actgtgtgca 50

<210> 517
<211> 50
<212> DNA
<213> Homo sapiens

<400> 517
agctcctgtg ctgaccttca agttacgttt tggaactgta atactaaagg 50

<210> 518
<211> 50
<212> DNA
<213> Homo sapiens

<400> 518
acactagggga agaaccttaa ttctaaattt ggttcatgtg tggcaaagtt 50

<210> 519
<211> 50
<212> DNA
<213> Homo sapiens

<400> 519
taactggaat cactgccctg ctgtaattaa acattctgta ccacatctgt 50

<210> 520
<211> 50
<212> DNA
<213> Homo sapiens

<400> 520
ccccagtg c tttgtagtct ctctatgtc ataataaagc tacat tttct 50

<210> 521
<211> 50
<212> DNA
<213> Homo sapiens

<400> 521
gacagacttg gacacaaaac cgatccatag aagggttcc caaaccttgt 50

<210> 522
<211> 50
<212> DNA
<213> Homo sapiens

<400> 522
ccat atgtaa cttgttttga agagaagtgt ttccgttgtg tgtcttgatg 50

<210> 523
<211> 50
<212> DNA
<213> Homo sapiens

<400> 523
gtatcatctg ccaagaccag ggcctgcttc accacagcca caataaagtc 50

<210> 524
<211> 50
<212> DNA
<213> Homo sapiens

<400> 524
aatgaacat ttacagttcg gttttggact ctgagtcaaa ggattttcct 50

<210> 525
<211> 50
<212> DNA
<213> Homo sapiens

<400> 525
gccgagtcag cacatgggta gagatgatgt aaaagcagcc aatctggaaa 50

<210> 526
<211> 50
<212> DNA
<213> Homo sapiens

<400> 526
accttctggg aggagggtcg gattcaatct gaacttagaa ctttcaactc 50

<210> 527
<211> 50
<212> DNA
<213> Homo sapiens

<400> 527
gcaccatgta gaattttcac tttgtactgg caggctcgtt ttacctcatt 50

<210> 528
<211> 50
<212> DNA
<213> Homo sapiens

<400> 528
tctccagtcc tgattactgt acacagtagc ttagatggc gtggacgtga 50

<210> 529
<211> 50
<212> DNA
<213> Homo sapiens

<400> 529
ttcctgttac tggcatgtgc acgactatgt tattagaage cactttatca 50

<210> 530
<211> 50

<212> DNA
<213> Homo sapiens

<400> 530
gccagcttgg aggatggaca tttctggata cacatacaca taaaaaacag 50

<210> 531
<211> 50
<212> DNA
<213> Homo sapiens

<400> 531
tcagctcctt gatctaagcc tcccagagag acccctagaa tgtttcctc 50

<210> 532
<211> 50
<212> DNA
<213> Homo sapiens

<400> 532
ccggcggcag gaactatcag tagacagctg ctgcttccat gaaacggaaa 50

<210> 533
<211> 50
<212> DNA
<213> Homo sapiens

<400> 533
tgttgccttg aatataacag tacaatttgt caattactct gcaccaggct 50

<210> 534
<211> 50
<212> DNA
<213> Homo sapiens

<400> 534
aaaagtaaca ccctcccttt ttctgacag ttctttcagc tttacagaac 50

<210> 535
<211> 50
<212> DNA
<213> Homo sapiens

<400> 535
aatgaaatgt agttgggttc ttctgtaat gcgctattat gtcttgggct 50

<210> 536
<211> 50
<212> DNA
<213> Homo sapiens

<400> 536
aacctccttg tgtctgtttc tctgttcctc tgtggctgac tcaataaact 50

<210> 537
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 537
 gtgggagggt gagatgtgaa gatgtgggat gaacctggaa tgaacgaatt 50

 <210> 538
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 538
 ggcctaaaga aagctggggt taatcctgaa gctaaaagta aatgtttcct 50

 <210> 539
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 539
 tcccatcctt tccatcaaga ccttcattag cttatgatat ttgctgccga 50

 <210> 540
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 540
 ggaggtctct tccagattgc tcttctgccg aattatttgt atctattccg 50

 <210> 541
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 541
 gcacacctcg tcagaggacc ataaccgtgt ggggacaata accgcagggg 50

 <210> 542
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 542
 acaatggatt tgtgaagagc agattccatg agtaactctg acaggtattt 50

 <210> 543
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 543
 tgagagacat tgtaatttt gggggaattg gcattgccga agacttgaaa 50

<210> 544
<211> 50
<212> DNA
<213> Homo sapiens

<400> 544
tgctagacat ttctatactc tgttgtaaca ctgaggtatc tcatttgccc 50

<210> 545
<211> 50
<212> DNA
<213> Homo sapiens

<400> 545
gtgggggatg ggggttaaaa agtagagaac ctcccttctg ttcaactaat 50

<210> 546
<211> 50
<212> DNA
<213> Homo sapiens

<400> 546
caggtgagta gttgccgct aatatcattg gagtacattc tttatactgt 50

<210> 547
<211> 50
<212> DNA
<213> Homo sapiens

<400> 547
ccccaacctt attctgtgtg tagacattgt attccacaat ttggaatggc 50

<210> 548
<211> 50
<212> DNA
<213> Homo sapiens

<400> 548
cgaatggctt aaactaattt gctatgatcc tctaacaccg aaatttccca 50

<210> 549
<211> 50
<212> DNA
<213> Homo sapiens

<400> 549
agagggatc agaaaaatgc caagcctttt ctctttgaat gtgctatttt 50

<210> 550
<211> 50
<212> DNA
<213> Homo sapiens

<400> 550
cacccttctc tgttaacctt gtgcctgtct cctgtatgat cacatcacca 50

<210> 551
<211> 50
<212> DNA
<213> Homo sapiens

<400> 551
tgtgtctctg tcgctctgc tgtgaagcac atgatgtctct atttattgta 50

<210> 552
<211> 50
<212> DNA
<213> Homo sapiens

<400> 552
tgagagtaag cacatgacag cgtctgcttg cgttgtgtct gttttatggt 50

<210> 553
<211> 50
<212> DNA
<213> Homo sapiens

<400> 553
tcgtgtgaat cagactaagt gggatttcat ttttacaact ctgctctact 50

<210> 554
<211> 50
<212> DNA
<213> Homo sapiens

<400> 554
tgcaacgaa atggatacca catagtactt tgggtgttacc tgcttttgaa 50

<210> 555
<211> 50
<212> DNA
<213> Homo sapiens

<400> 555
agaactgaat cagtcggagg aacctgaggg aggcgagagt agtactggag 50

<210> 556
<211> 50
<212> DNA
<213> Homo sapiens

<400> 556
ttgccatgag ataacacagt gtaaacagta gacaccaga aatcgtgact 50

<210> 557
<211> 50
<212> DNA

<213> Homo sapiens
 <400> 557
 gctgtaggc taagagggtg cagggctaga cacgaagctt aaactattca 50

<210> 558
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 558
 ccagtgtgga ggtagcaaag catctatcta ttctgaatca tgtttgaaa 50

<210> 559
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 559
 gccagtatgc cacagaatgt cctaaaccct tgctgcctct tatcaaaacc 50

<210> 560
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 560
 tttgtactgt tgaaaccact tcattggaca tgggcaata gcaaaacccc 50

<210> 561
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 561
 agggggaaca ttgtaaagaa acaaaaaggt ccagatgaat gtatgctaga 50

<210> 562
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 562
 ggtgctgaat atgtccttgt aggctctggt ttaagaaaac aatatgtggg 50

<210> 563
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 563
 acattggctt gcttttgta aagtgcaagt gttacatatg gctttgtaca 50

<210> 564

<211> 50
<212> DNA
<213> Homo sapiens

<400> 564
ttggtagtgt cagcggggcac cttttacacc ttctagtagc tcaagctagt 50

<210> 565
<211> 50
<212> DNA
<213> Homo sapiens

<400> 565
tcctggaatc gtttaactca aagcagtttc ccctgttttg gagattttgt 50

<210> 566
<211> 50
<212> DNA
<213> Homo sapiens

<400> 566
tcctggaatc gtttaactca aagcagtttc ccctgttttg gagattttgt 50

<210> 567
<211> 50
<212> DNA
<213> Homo sapiens

<400> 567
tgagaaagtc ctgtgcagtc ctgagatgat tactcttatt tgggtgctg 50

<210> 568
<211> 50
<212> DNA
<213> Homo sapiens

<400> 568
tcgtcttttg cgaatggctt aattctgaca ctacctttct gggaaatggt 50

<210> 569
<211> 50
<212> DNA
<213> Homo sapiens

<400> 569
tttgattgtg tctgatggga actgagttgt tggcctttgt gaaatgaat 50

<210> 570
<211> 50
<212> DNA
<213> Homo sapiens

<400> 570
ttgacaaagc ccaacaatga tctcaggaat tacattttcc aacagaccaa 50

<210> 571
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 571
 acctgtcagc cttctagttg cttcaacccat tttataacca tttttgtaca 50

 <210> 572
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 572
 tccttaaggt gcacagtaaa tgtacagata gttataggcc actgttttgt 50

 <210> 573
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 573
 agtcatatg aacactgctc tgaactcctc tgacttagca ttcaacttaa 50

 <210> 574
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 574
 catgacaaac attactagca tgttcaactg caccatgttc tggcactgta 50

 <210> 575
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 575
 acctctttcc taccaatttc acattttgca gaaacttggt cacatttcca 50

 <210> 576
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 576
 gggttgtgta ttaaatagcc attcattctg gaactcaagg acaggactgt 50

 <210> 577
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 577

gccttgccagg tgaccagcag tgcattgta tttatataca gagcttatga 50

<210> 578
<211> 50
<212> DNA
<213> Homo sapiens

<400> 578
ctggacgggc gtgggttctg ggtcagcttc tttacctca atttgtttg 50

<210> 579
<211> 50
<212> DNA
<213> Homo sapiens

<400> 579
aaagtctgag gtgtggaaca gttatttaag cattagtcaa cctggtcct 50

<210> 580
<211> 50
<212> DNA
<213> Homo sapiens

<400> 580
tgggcaagac atgattaatg aatcagaatc ctgtttcatt ggtgacttgg 50

<210> 581
<211> 50
<212> DNA
<213> Homo sapiens

<400> 581
cctgtgtaaa agaagaaata caagagactc aacacctac acattcacgg 50

<210> 582
<211> 50
<212> DNA
<213> Homo sapiens

<400> 582
tggcttggtc atcctccaga tgtagctatt gatgtacact tcgcaacgga 50

<210> 583
<211> 50
<212> DNA
<213> Homo sapiens

<400> 583
aactatcagc ttggatggtc acttgaatag aagatggtta tacacagtgt 50

<210> 584
<211> 50
<212> DNA
<213> Homo sapiens

<400> 584
ccacgggtgga ccctgtttgt tttaaattatt ctgttcccat gtcaatcagt 50

<210> 585
<211> 50
<212> DNA
<213> Homo sapiens

<400> 585
ttgtgtagga aacttttga gtttgacact aagataactt ctgtgtgcat 50

<210> 586
<211> 50
<212> DNA
<213> Homo sapiens

<400> 586
actcaaatca gttagcttca aacaaaaacg aaagttagac caaggggaacg 50

<210> 587
<211> 50
<212> DNA
<213> Homo sapiens

<400> 587
actcaaatca gttagcttca aacaaaaacg aaagttagac caaggggaacg 50

<210> 588
<211> 50
<212> DNA
<213> Homo sapiens

<400> 588
ttgtgtgctg tgcttcaaag ccttaactgt caaatcttgc attatcttgt 50

<210> 589
<211> 50
<212> DNA
<213> Homo sapiens

<400> 589
acattatcat ggcattgactt aaggggaacat tggtttgtga aggaaaaaca 50

<210> 590
<211> 50
<212> DNA
<213> Homo sapiens

<400> 590
tgtgtgactt tcatgcttct ggggttggag cttaaagatc caaactgaga 50

<210> 591
<211> 50

<212> DNA
 <213> Homo sapiens

<400> 591
 tgctggtatt ctcaactgcca catttttggga aacctgtatt acaccttaaa 50

<210> 592
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 592
 ttgagtgtct gcagcagccc tggacttcca gactttctatc acatgagaaa 50

<210> 593
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 593
 tgggtgctgat gcttagttgt ctcatgccat taaattgtaa aagtgagttg 50

<210> 594
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 594
 ggaggtcagt tgatttcccc aggtacattc atggtgtgac agacacatgg 50

<210> 595
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 595
 agatcctttc agtccctaga cctccattca ctctgtttct cttctgctgg 50

<210> 596
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 596
 gatccgatca tggatgatga cggggtgaat tctcttgccg tgttgcaaat 50

<210> 597
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 597
 atggtttcaa aattcaaggt ccccaaatgg cagcatttta tgttctgacc 50

<210> 598
<211> 50
<212> DNA
<213> Homo sapiens

<400> 598
caagtatgta tgcaactttg cacaccaaca actgttaatc tgtagctagt 50

<210> 599
<211> 50
<212> DNA
<213> Homo sapiens

<400> 599
tggtgattct ccaggccatt taataccctg caatgtaatt gtcctctgt 50

<210> 600
<211> 50
<212> DNA
<213> Homo sapiens

<400> 600
ttctgcctca atgtttactg tgcccttggt tttgctagtt tgggtgttg 50

<210> 601
<211> 50
<212> DNA
<213> Homo sapiens

<400> 601
actactgtca cgtagctgtg tacaagaga tgtgaaatac ttcaggcaa 50

<210> 602
<211> 50
<212> DNA
<213> Homo sapiens

<400> 602
tggtgaacgg ttaaactgtg catttctcat tttgatgtgt catgtatgtt 50

<210> 603
<211> 50
<212> DNA
<213> Homo sapiens

<400> 603
aatggtcaag gttcagcata ttctatatga agatcacaag gtggatcgt 50

<210> 604
<211> 50
<212> DNA
<213> Homo sapiens

<400> 604
tgtgaacttg tgcgcaaatg tgcagattca atgttcttgt tacagattga 50

<210> 605
<211> 50
<212> DNA
<213> Homo sapiens

<400> 605
ccccttgggc tcagcacgaa agggctttca atgaattaag tgaaaacttt 50

<210> 606
<211> 50
<212> DNA
<213> Homo sapiens

<400> 606
aatgagttgt gttgaagcct ccgtctccca tccttgctg tagcccgtag 50

<210> 607
<211> 50
<212> DNA
<213> Homo sapiens

<400> 607
agcctaaaca tgtatactgt gcattttatg ggtgactttg aaagatctgt 50

<210> 608
<211> 50
<212> DNA
<213> Homo sapiens

<400> 608
accaggtttt agcaaaatgc acacttttgg ctctttttgg tatatgttct 50

<210> 609
<211> 50
<212> DNA
<213> Homo sapiens

<400> 609
cctgactcct ccttgcaaac aaaatgatag ttgacacttt atcctgattt 50

<210> 610
<211> 50
<212> DNA
<213> Homo sapiens

<400> 610
ttgtattggc ataatcagtg acttgtagat tcagcaatag catttgagca 50

<210> 611
<211> 50
<212> DNA
<213> Homo sapiens

<400> 611
 ttgttaagtt gcaattactg caatgacaga ccaataaaca attgctgcca 50

<210> 612
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 612
 acagcaaact ttggcattta tgggagcat ttctcattgt tggaatctga 50

<210> 613
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 613
 tggtcattct gctgtgttca ttaggtgcca atgtgaagtc tggattttaa 50

<210> 614
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 614
 ggcataaat gagggacaaa gaaagcatct cgtaggtgtg tctactgggt 50

<210> 615
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 615
 aatcttgaca catgcaattg taaataaaag tcaccacttt tgccaagctt 50

<210> 616
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 616
 tgatgccttc atctgttcag tcatctccaa aacagtaaa aataaccact 50

<210> 617
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 617
 ggccaagctg aatgcatga atatcagtga gacgcgttat aaggaatcct 50

<210> 618
 <211> 50
 <212> DNA

<213> Homo sapiens

<400> 618
cctgccagtg tcagaaaatc ctatztatga atcctgtcgg tattccttgg 50

<210> 619
<211> 50
<212> DNA
<213> Homo sapiens

<400> 619
tcaagaattt ggggtgggaga aaagaaagtg gggtatcaag ggtgatttga 50

<210> 620
<211> 50
<212> DNA
<213> Homo sapiens

<400> 620
caaactgggtg cagaaattct ataaactctt tgctgttttt gatacctgct 50

<210> 621
<211> 50
<212> DNA
<213> Homo sapiens

<400> 621
gctacttggt tacattgtac actgcgacca ccttgccgct tttcatcaca 50

<210> 622
<211> 50
<212> DNA
<213> Homo sapiens

<400> 622
actggatgct acagacttat aacagcatag tgaatggtaa gactagtgca 50

<210> 623
<211> 50
<212> DNA
<213> Homo sapiens

<400> 623
cctcccctat gcctcagccc catctctgct cctgtttgaa ttttgttatt 50

<210> 624
<211> 50
<212> DNA
<213> Homo sapiens

<400> 624
ccagtgtagac tagggatcct gagttttctg ggacaattcc agctttaatc 50

<210> 625

<211> 50
 <212> DNA
 <213> Homo sapiens

<400> 625
 tgacccttct ttaagttatg tgtgtgggga gaaatagaat ggtgctctta 50

<210> 626
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 626
 gtgtgagtcc tctgtttgca ctggacatat tccctacctg tcttatttca 50

<210> 627
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 627
 aggggaaggg gtgcctggcg ggtacttttc tatcttttat ttccagattt 50

<210> 628
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 628
 tcatgttct gccctgtcaa aggtccctat ttgaaatgtg ttataataca 50

<210> 629
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 629
 agctagcaga tcgtagctag tttgtattgt cttgtcaatt gtacagaatt 50

<210> 630
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 630
 agcccagaat tcccaaaggc attaggtttc ccaactgctt tgtgctgata 50

<210> 631
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 631
 gtgtctatac atttctaagc cttgtttgca gaataaacag ggcatttagc 50

<210> 632
<211> 50
<212> DNA
<213> Homo sapiens

<400> 632
tagaggtgta cagatgctat attatatccg ctcccgggtg actgcagccc 50

<210> 633
<211> 50
<212> DNA
<213> Homo sapiens

<400> 633
ttttacaagg aaggggtagt aattggccca ctctcttctt actggaggct 50

<210> 634
<211> 50
<212> DNA
<213> Homo sapiens

<400> 634
acacggtgaa ctggctgtgt ccatctttgt cactgagtga aatctctgtt 50

<210> 635
<211> 50
<212> DNA
<213> Homo sapiens

<400> 635
tgaggacttg gggcaggaaa ggaatgctgc tgaacttgaa tttcccttta 50

<210> 636
<211> 50
<212> DNA
<213> Homo sapiens

<400> 636
tcagaccttg gatcagatga actcttagaa atgaaggcag aaaaatgtca 50

<210> 637
<211> 50
<212> DNA
<213> Homo sapiens

<400> 637
ccacgttctt gttccgatac tctgagaagt gcctgatgtt gatgtactta 50

<210> 638
<211> 50
<212> DNA
<213> Homo sapiens

<400> 638

gcctgggtca gatttttatt gtgggggtggg atgagtagga caacatattt 50

<210> 639
<211> 50
<212> DNA
<213> Homo sapiens

<400> 639
gggtgccac ctgcatgtga aggggaggca gttctcaatt tatttcaata 50

<210> 640
<211> 50
<212> DNA
<213> Homo sapiens

<400> 640
cagtcactgg gtctatatta aacagcaacc agagcaaca atggcaaaca 50

<210> 641
<211> 50
<212> DNA
<213> Homo sapiens

<400> 641
tgacatggta gcagaaatag gcccttttat gtgttgcttc tattttacct 50

<210> 642
<211> 50
<212> DNA
<213> Homo sapiens

<400> 642
agcaaagaac agtttgggtgg tcttttctct tccactgatt tttctgtaat 50

<210> 643
<211> 50
<212> DNA
<213> Homo sapiens

<400> 643
agccctgcta aactatgtac agaggaaact gttcaagtat tggatttgaa 50

<210> 644
<211> 50
<212> DNA
<213> Homo sapiens

<400> 644
tgtcaacgat gtttcagta gtgttttagat ttgggtgtctt caaaggtagt 50

<210> 645
<211> 50
<212> DNA
<213> Homo sapiens

<400> 645
ggctttttgc ccatcaagaa taaaaagaaa taaaaccaa gggttaccgg 50

<210> 646
<211> 50
<212> DNA
<213> Homo sapiens

<400> 646
tgcctgttgc acatcttgta aaattggaca atggtcttt agagagttat 50

<210> 647
<211> 50
<212> DNA
<213> Homo sapiens

<400> 647
tgcggttagt tcagagagat ttttagagct gtggtggact tcatagatga 50

<210> 648
<211> 50
<212> DNA
<213> Homo sapiens

<400> 648
aatggaagga ttagtatggc ctatttttaa agctgctttg ttaggttctt 50

<210> 649
<211> 50
<212> DNA
<213> Homo sapiens

<400> 649
ccatgtgggc tactcatgat gggcttgatt ctttgggaat aataaatga 50

<210> 650
<211> 50
<212> DNA
<213> Homo sapiens

<400> 650
aacgaggcca gtggggaacc cttacctaag tatgtgattg acaaatcatg 50

<210> 651
<211> 50
<212> DNA
<213> Homo sapiens

<400> 651
cctctcagga cgtgcccgggt ttatcattgc tttgttattt gtaaggactg 50

<210> 652
<211> 50

<210> DNA
<213> Homo sapiens

<400> 652
ccactgcctg aaaggtttgt acagatgcat gccacagtag atgtccacat 50

<210> 653
<211> 50
<212> DNA
<213> Homo sapiens

<400> 653
ttttgggata aatcttactg gttgctggtg tggagaaggt ggcgtttcca 50

<210> 654
<211> 50
<212> DNA
<213> Homo sapiens

<400> 654
tgaagtataa gcctctactg ggtctatatt gtgaatcacc ctgcctttca 50

<210> 655
<211> 50
<212> DNA
<213> Homo sapiens

<400> 655
ctcgtctatt ggcccctgta gaaagttaac cttgtgtgtt ttccttttat 50

<210> 656
<211> 50
<212> DNA
<213> Homo sapiens

<400> 656
tccccttctg tcccctagta agcccagttg ctgtatctga acagtttgag 50

<210> 657
<211> 50
<212> DNA
<213> Homo sapiens

<400> 657
aaacctattt cccttgcttc ataggcttct gggatgtcat cacctccagt 50

<210> 658
<211> 50
<212> DNA
<213> Homo sapiens

<400> 658
gaatttggtg gtgtcaattg cttatttgtt ttcccacggt tgtccagcaa 50

<210> 659
<211> 50
<212> DNA
<213> Homo sapiens

<400> 659
ctatthttggg tcattthttat gtacctttgg gttcaggcat tatttggggg 50

<210> 660
<211> 50
<212> DNA
<213> Homo sapiens

<400> 660
taattggtga acaggtgtht ttccacaagt gccgcaaatt gtacctthtt 50

<210> 661
<211> 50
<212> DNA
<213> Homo sapiens

<400> 661
ccccctcaga agaatcatga atttgaaca gacctaatth ttggttactt 50

<210> 662
<211> 50
<212> DNA
<213> Homo sapiens

<400> 662
ggctthttcca thccatttht tcacctgag tgtctacaa taaactthcg 50

<210> 663
<211> 50
<212> DNA
<213> Homo sapiens

<400> 663
tgggtgtctca aaggagthaac tgcagcttgg thtgaathh gtactgtthc 50

<210> 664
<211> 50
<212> DNA
<213> Homo sapiens

<400> 664
tgccagtagt gaccaagaac acagtgatta tatacactat actggaggga 50

<210> 665
<211> 50
<212> DNA
<213> Homo sapiens

<400> 665
aggacacatc tgacatctg tgtthtgtht aatatacag cacattgtga 50

<210> 666
<211> 50
<212> DNA
<213> Homo sapiens

<400> 666
tgggggttgt aaattggcat ggaaatttaa agcaggttct tgtagtgca 50

<210> 667
<211> 50
<212> DNA
<213> Homo sapiens

<400> 667
tgtgaaagaa acttgcttgc agctttaaca aaatgagaaa cttcccaat 50

<210> 668
<211> 50
<212> DNA
<213> Homo sapiens

<400> 668
gtatatatcc tocagcattc agtccagggg gagccacgga aaccatgttc 50

<210> 669
<211> 50
<212> DNA
<213> Homo sapiens

<400> 669
tgtgatgcta ggaacatgag caaactgaaa attactatgc acttgtcaga 50

<210> 670
<211> 50
<212> DNA
<213> Homo sapiens

<400> 670
aaccagtat atctgtgtta tctgatggga cggttgacag tggtcagga 50

<210> 671
<211> 50
<212> DNA
<213> Homo sapiens

<400> 671
atccagtggc cttagaatta aagtgttggt gtttttctg ttaaattga 50

<210> 672
<211> 50
<212> DNA
<213> Homo sapiens

<400> 672
 gcattggcag cattgtgtct ttgaccttgt atactagctt gacatagtgc 50

<210> 673
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 673
 tttcatggtg tgaaggaagg agcgtggtgc attggacatg ggtctgacac 50

<210> 674
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 674
 agactgcaca accaagaagt tactcaaagc tctgtgggag ccctgcctg 50

<210> 675
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 675
 cagtgtcac ctaaattccat ctgactactt gttcctgtgc cctcttgttt 50

<210> 676
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 676
 gtgacgacga cctgaaggag acgggcttcc accttaccac cacgaaccag 50

<210> 677
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 677
 aacaggataa agctcgccgg gaatgggaaa gacagaagag aagggaaatg 50

<210> 678
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 678
 cctcaccccc accctcactt tcaatccggt tgataccatt tggtccttt 50

<210> 679
 <211> 50
 <212> DNA

<213> Homo sapiens

<400> 679
atggaaagat gtggtctgag atgggtgctg caaagatcat aataaagtca 50

<210> 680
<211> 50
<212> DNA
<213> Homo sapiens

<400> 680
ccatgacttc acagacatgg tctagaatct gtacccttac ccacatatga 50

<210> 681
<211> 50
<212> DNA
<213> Homo sapiens

<400> 681
ctgtgaatgt ttgcagtctc ctaccgtctc aactacagct gcagttgcta 50

<210> 682
<211> 50
<212> DNA
<213> Homo sapiens

<400> 682
cagcctgaat tgcctctggg aagaggggtg ggaatgactt ttcaatgtac 50

<210> 683
<211> 50
<212> DNA
<213> Homo sapiens

<400> 683
aatggcctag aatttgtggt agttgccaaa gaggttctcc tagtgggtct 50

<210> 684
<211> 50
<212> DNA
<213> Homo sapiens

<400> 684
cagtgaaaag tttgtgagtg aagaatgctg agaagattgt aatgctttgt 50

<210> 685
<211> 50
<212> DNA
<213> Homo sapiens

<400> 685
ttgtctcaaa gctaccaagt ttgtgcaata agtgggaagg atgtcatcct 50

<210> 686

<211> 50
<212> DNA
<213> Homo sapiens

<400> 686
acatcgaagg tgtgcatata tgttgaatga cattttaggg acatgggtgtt 50

<210> 687
<211> 50
<212> DNA
<213> Homo sapiens

<400> 687
ggctatctca ggcaatatgg ccagcacctg ggtctttatg catgaagata 50

<210> 688
<211> 50
<212> DNA
<213> Homo sapiens

<400> 688
gctgtcacgg agcgactgtc gagatcgcct agtatgttct gtgaacacaa 50

<210> 689
<211> 50
<212> DNA
<213> Homo sapiens

<400> 689
agctgctgac ttgactgtca tctgtttctt gttagccatt gtgaataaga 50

<210> 690
<211> 50
<212> DNA
<213> Homo sapiens

<400> 690
ctcacaggtg gactgagaaa tcagttacat cttaagtgac ctacagggta 50

<210> 691
<211> 50
<212> DNA
<213> Homo sapiens

<400> 691
gtgcattgta tttagtctgt attgatcatg gatgcctcc ttaatagcca 50

<210> 692
<211> 50
<212> DNA
<213> Homo sapiens

<400> 692
cctgtacaat tgcacacgg gtggggataa aaagaggaat attctggttt 50

<210> 693
<211> 50
<212> DNA
<213> Homo sapiens

<400> 693
aaacagagct gtcttcagca acattattag tagacaaaga ggatgtggat 50

<210> 694
<211> 50
<212> DNA
<213> Homo sapiens

<400> 694
actcaagttt tcagtttgta cgcctggta tgtctgtgta agaagccaat 50

<210> 695
<211> 50
<212> DNA
<213> Homo sapiens

<400> 695
tgactcctgc caagaaatcc tttcttagaa ggttgtttga ttagttttgc 50

<210> 696
<211> 50
<212> DNA
<213> Homo sapiens

<400> 696
ttgtattatc tgctttgctg atgtagacaa gagttaactg agtagcatgc 50

<210> 697
<211> 50
<212> DNA
<213> Homo sapiens

<400> 697
aaagattggt ggtaggcca gattgacacc tatttataaa ccatatgcgt 50

<210> 698
<211> 50
<212> DNA
<213> Homo sapiens

<400> 698
tggttaactgt tccaggattg ctccaggttt gagatggat tgctaaattt 50

<210> 699
<211> 50
<212> DNA
<213> Homo sapiens

<400> 699

tgcaccttgt agtggattct gcatatcatc tttcccacct aaaaatgtct 50

<210> 700
<211> 50
<212> DNA
<213> Homo sapiens

<400> 700
cactagcact tgtgatgcaa tagaacactt cgctgtact gaaagggcca 50

<210> 701
<211> 50
<212> DNA
<213> Homo sapiens

<400> 701
acgcaggctt tcctatttct acaactgatt gtacttatgc attttgtacc 50

<210> 702
<211> 50
<212> DNA
<213> Homo sapiens

<400> 702
caggagctac tttgagtttg gtgttactag gatcagggtc agtctttggc 50

<210> 703
<211> 50
<212> DNA
<213> Homo sapiens

<400> 703
tagagagagg cccgtggcct gaggtagtgc agaggaggat agtagagcag 50

<210> 704
<211> 50
<212> DNA
<213> Homo sapiens

<400> 704
ttttggaaga ttttcagtct agttgcaaaa tctggctcct ttacaaaaga 50

<210> 705
<211> 50
<212> DNA
<213> Homo sapiens

<400> 705
aagttaattg aggcaatgct atctgctcaa agttgagtgg tttattcaca 50

<210> 706
<211> 50
<212> DNA
<213> Homo sapiens

<400> 706
ttgcagtgta ttactgtcag cagtatggta gctcaccgtg gacgttcggc 50

<210> 707
<211> 50
<212> DNA
<213> Homo sapiens

<400> 707
tattctgtgt taatggctaa cctggttacac tgggctgggt tgggtagggt 50

<210> 708
<211> 50
<212> DNA
<213> Homo sapiens

<400> 708
aaactgaatg agagaaaatt gtataacat cctgctgttc ctttagtgca 50

<210> 709
<211> 50
<212> DNA
<213> Homo sapiens

<400> 709
tgacactggg cttgcagtac aactggaagc caaaacaagg tggagatgt 50

<210> 710
<211> 50
<212> DNA
<213> Homo sapiens

<400> 710
ggcacaatg atttggacct attatcctcg gcaagccaag atgcaaacaat 50

<210> 711
<211> 50
<212> DNA
<213> Homo sapiens

<400> 711
agttcacaat atggttcaaa tgtaacagtg cagaattgaa tatggaggca 50

<210> 712
<211> 50
<212> DNA
<213> Homo sapiens

<400> 712
ttgcatcttt ccaggagagc ctcacattct tcttccagggt tgtatcacc 50

<210> 713
<211> 50

<212> DNA
 <213> Homo sapiens

 <400> 713
 gtgagtcagg agcaggagcg tgcggaccaa aatcctcag cccttacgac 50

<210> 714
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 714
 tcaccttatg caatgtgaat tatcactaca gaactccatc ttactccaga 50

<210> 715
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 715
 tttgatgtaa tataacctaa cgttgtgctg gtacctgttt taccatgtgt 50

<210> 716
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 716
 ctccatccct ggccccctcc ctggatgaca ttaaagaagg gttgagctgg 50

<210> 717
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 717
 ctccatccct ggccccctcc ctggatgaca ttaaagaagg gttgagctgg 50

<210> 718
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 718
 ggcttagctg ccagtcctccc atttgtgacc tatgccatcc atctataatg 50

<210> 719
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 719
 ggccccaatg ccaactctta agtcttttgt aattctgget ttctctaata 50

<210> 720
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 720
 tgtcaggttt gggctcttggg ttcaagtga tatattcctg taagtttctt 50

 <210> 721
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 721
 tgcacgtaa aaccttcaga aggaaaggag aatgttttgt ggaccacttt 50

 <210> 722
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 722
 ttgacattct gcgaaagcaa caagcaaact gaagaccaac tcctatgaga 50

 <210> 723
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 723
 cgcctcttca ggctcttaag ggattctccg ttttggttcc atttgtaca 50

 <210> 724
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 724
 ccttgttgga cagggggaca ggctgcctac tggaatgtaa atatgtgata 50

 <210> 725
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 725
 tttetgaatg cctacctggc ggtgtatacc aggcagtgtc ccagtttaaa 50

 <210> 726
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 726
 tgtgcaaggg gagcacatat tggatgtata tgttaccata tgttaggaaa 50

<210> 727
<211> 50
<212> DNA
<213> Homo sapiens

<400> 727
tcaagtgaac atctcttgcc atcacctagc tgccctgcacc tgcccttcag 50

<210> 728
<211> 50
<212> DNA
<213> Homo sapiens

<400> 728
ccgaggagaa gcgcgagggc tacgagcgtc tcctgaagat gcaaaaccag 50

<210> 729
<211> 50
<212> DNA
<213> Homo sapiens

<400> 729
gcagctgttt gaagtttcta tttttccgt actgcagagc ttacacaaaa 50

<210> 730
<211> 50
<212> DNA
<213> Homo sapiens

<400> 730
gcctgtgaaa tagtactgca cttacataaa gtgagacatt gtgaaaaggc 50

<210> 731
<211> 50
<212> DNA
<213> Homo sapiens

<400> 731
gctctgattg tacaagaatt acctgtgcta gtcaagttgt tgttttcct 50

<210> 732
<211> 50
<212> DNA
<213> Homo sapiens

<400> 732
ctgtcttttg tagctctgga ctggaggggt agatggggag tcaattacc 50

<210> 733
<211> 50
<212> DNA
<213> Homo sapiens

<400> 733
gggtacaacct tcaactatatt cttccatgcg gaccccctcc tgccaaaaga 50

<210> 734
<211> 50
<212> DNA
<213> Homo sapiens

<400> 734
gcaattctcc ctgcgatcatg gatttcaagg tcttttaate accttcggtt 50

<210> 735
<211> 50
<212> DNA
<213> Homo sapiens

<400> 735
ccttcgcttt aacataggtc taatttattt gcggtgccat ttccataca 50

<210> 736
<211> 50
<212> DNA
<213> Homo sapiens

<400> 736
tgggtggaag tgggtgggt tatgaaattg tagatgtttt tagaaaaact 50

<210> 737
<211> 50
<212> DNA
<213> Homo sapiens

<400> 737
accttcctcc aggaaaagcc attcaagcct gattatTTTT ctaagtaact 50

<210> 738
<211> 50
<212> DNA
<213> Homo sapiens

<400> 738
ctgtatagct ttccccacct cccacaaaat caccagttta atgtgtgtgt 50

<210> 739
<211> 50
<212> DNA
<213> Homo sapiens

<400> 739
ggggtacctg tgttgagttg ataaacattt ccatcttcat taaaactgct 50

<210> 740
<211> 50
<212> DNA

<213> Homo sapiens

<400> 740
tgtccacctt tgcagcctgt ttctgtcatg tagtttcaac aagtgtacc 50

<210> 741
<211> 50
<212> DNA
<213> Homo sapiens

<400> 741
atgtacctc aaagtgtac cgataaacct ttctaattgt aagtgccctt 50

<210> 742
<211> 50
<212> DNA
<213> Homo sapiens

<400> 742
agcaccatt cgcacatag tataatcata tcaaaggggtg agaatcattt 50

<210> 743
<211> 50
<212> DNA
<213> Homo sapiens

<400> 743
tgtggttaa gctgtactga actaaatctg tggaatgcat tgtgaactgt 50

<210> 744
<211> 50
<212> DNA
<213> Homo sapiens

<400> 744
attacgaaga tgaaccagta aacgaggaca tggagtgact atcggggcgg 50

<210> 745
<211> 50
<212> DNA
<213> Homo sapiens

<400> 745
tcctccagct gacagaaaaa tccaggatga gatcagaagg atactggtgt 50

<210> 746
<211> 50
<212> DNA
<213> Homo sapiens

<400> 746
tttacagcc ctgaagcagt cttctttgct agttgaatta tgtggtgtgt 50

<210> 747

<211> 50
<212> DNA
<213> Homo sapiens

<400> 747
gttcacggaa aagccagaac ctgctgtttt caggggtgggt gatgtaaata 50

<210> 748
<211> 50
<212> DNA
<213> Homo sapiens

<400> 748
agtgtctctg ctttggataa ctgtaaaggg acctatgctg atagactgga 50

<210> 749
<211> 50
<212> DNA
<213> Homo sapiens

<400> 749
tgccccagtt gtcagtcaga gccgttggtg tttttcattg tttaaaatgt 50

<210> 750
<211> 50
<212> DNA
<213> Homo sapiens

<400> 750
aaaccaatgg acaaacttct tgcttcaagg acaaactct taggttgga 50

<210> 751
<211> 50
<212> DNA
<213> Homo sapiens

<400> 751
aaacatcatg agagtggagg cctgccaccc agaaaggcac atactagtgc 50

<210> 752
<211> 50
<212> DNA
<213> Homo sapiens

<400> 752
agtggattaa ccctgcttc tcttcttggt ccctgtatc attcctcccc 50

<210> 753
<211> 50
<212> DNA
<213> Homo sapiens

<400> 753
gtctgttat tcgtgtctct tactaggctc aatttcttgg aggccgtgat 50

<210> 754
<211> 50
<212> DNA
<213> Homo sapiens

<400> 754
tggcctgact gacatgcagt tccataaatg cagatgtttg tctcattacc .50

<210> 755
<211> 50
<212> DNA
<213> Homo sapiens

<400> 755
gccagacttg aaagagggct ccagaaaaag tagatgcgta tctgtacaaa 50

<210> 756
<211> 50
<212> DNA
<213> Homo sapiens

<400> 756
cgtcttaatg ttcaccgtcc acagctttgg aataaacct cctgggaagt 50

<210> 757
<211> 50
<212> DNA
<213> Homo sapiens

<400> 757
ttaatgttca ccgtccacag ctttgaata aaccatcctg ggaagttgct 50

<210> 758
<211> 50
<212> DNA
<213> Homo sapiens

<400> 758
tctagcccag cattgatcta gaagcagagg aatcccagcg ccttttaaaa 50

<210> 759
<211> 50
<212> DNA
<213> Homo sapiens

<400> 759
ttgctcagca tgccagcctt taagattgaa ttagattgtg ttgttggtg 50

<210> 760
<211> 50
<212> DNA
<213> Homo sapiens

<400> 760

aaaaggtata gaaatgctgg ttggaatgct tatttgaaaa agactggcca 50

<210> 761
<211> 50
<212> DNA
<213> Homo sapiens

<400> 761
ctgcttcacg cctgtgtctc cgcagcactt catcgacctc ttcaagtttt 50

<210> 762
<211> 50
<212> DNA
<213> Homo sapiens

<400> 762
agagcagctt gtgtatgtaa acgcttcagt gaacttgcta atgatccaat 50

<210> 763
<211> 50
<212> DNA
<213> Homo sapiens

<400> 763
tcaaacctac taatccagcg acaatttgaa tcggttttgt aggtagagga 50

<210> 764
<211> 50
<212> DNA
<213> Homo sapiens

<400> 764
tcaacctccg tcatgtttta gaaacctttt atcttttctt tcctcatgct 50

<210> 765
<211> 50
<212> DNA
<213> Homo sapiens

<400> 765
tttccatctg tgtcccagat tgtgacccta gactttcaat tgacaagtaa 50

<210> 766
<211> 50
<212> DNA
<213> Homo sapiens

<400> 766
catgctgtta gatggaacat ggaagccatt gtctaataca ctctatcatt 50

<210> 767
<211> 50
<212> DNA
<213> Homo sapiens

<400> 767
atgtaatcct gtaggttggt acttccccca aactgattat aggtaacagt 50

<210> 768
<211> 50
<212> DNA
<213> Homo sapiens

<400> 768
tgaatgatca gaactgacat ttaattcatg tttgtctcgc catgcttctt 50

<210> 769
<211> 50
<212> DNA
<213> Homo sapiens

<400> 769
tttgacatt ttacatatgc tatgtggttg cctttgggtt ttctgtacag 50

<210> 770
<211> 50
<212> DNA
<213> Homo sapiens

<400> 770
tggtcatggt ccaggtgcta gtacatcatt catgatcacc ttaatgtcga 50

<210> 771
<211> 50
<212> DNA
<213> Homo sapiens

<400> 771
agcataaaga gttgtggatc agtagccatt ttagttactg ggggtggggg 50

<210> 772
<211> 50
<212> DNA
<213> Homo sapiens

<400> 772
tcaacacttt gctttatttg acacaaccag actttctcag ttctgttct 50

<210> 773
<211> 50
<212> DNA
<213> Homo sapiens

<400> 773
atgaagaaaa tcattgagac tgttgacagaa ggagggggag aacttgagat 50

<210> 774
<211> 50

<212> DNA
<213> Homo sapiens

<400> 774
actgaaagac ttttgcttaa agtggcatta ttgactgctg atgtgatgct 50

<210> 775
<211> 50
<212> DNA
<213> Homo sapiens

<400> 775
ttggttgta actctgtaat tcctaactat cactggtttg gttctggact 50

<210> 776
<211> 50
<212> DNA
<213> Homo sapiens

<400> 776
ccaccatata tactagctgt taatcctatg gaatggggta ttgggagtgc 50

<210> 777
<211> 50
<212> DNA
<213> Homo sapiens

<400> 777
agaggaatct gaaagtgcag ggtggtggtt aaagttgtac ctccaagta 50

<210> 778
<211> 50
<212> DNA
<213> Homo sapiens

<400> 778
tttttctcca tcctgtttct agcacaaaaa ttgacctgct gtgttacaaa 50

<210> 779
<211> 50
<212> DNA
<213> Homo sapiens

<400> 779
cagattgatt tgaaaggtgt gcagcctgat ttaaaaccaa accctgaacc 50

<210> 780
<211> 50
<212> DNA
<213> Homo sapiens

<400> 780
gcaactaata agccaaggaa tcgacatata ttaggtgcgt gtactgtttc 50

<210> 781
<211> 50
<212> DNA
<213> Homo sapiens

<400> 781
tgtccagtga taaatgtgat tgatcttgcc ttttgtacat ggaggtcacc 50

<210> 782
<211> 50
<212> DNA
<213> Homo sapiens

<400> 782
tctagcccag cattgatcta gaagcagagg aatcccagcg ccttttaaaa 50

<210> 783
<211> 50
<212> DNA
<213> Homo sapiens

<400> 783
agggaacagt gtggagatgt ttttgtcttg tccaaataaa agattcacca 50

<210> 784
<211> 50
<212> DNA
<213> Homo sapiens

<400> 784
accattgggt atacacagaa tattcctgtg cccacactta atgtcaatct 50

<210> 785
<211> 50
<212> DNA
<213> Homo sapiens

<400> 785
ttgatgatac caccagtaaa aataggatgt ttaccccaaa acaagtgta 50

<210> 786
<211> 50
<212> DNA
<213> Homo sapiens

<400> 786
tttcaaccga aagggcagat ccaatagaag acccgctcct taaataaaca 50

<210> 787
<211> 50
<212> DNA
<213> Homo sapiens

<400> 787
acagaggcaa agttaagctt gatgatggtt aaaatcggtt tgatagcacc 50

<210> 788
<211> 50
<212> DNA
<213> Homo sapiens

<400> 788
tggttgattt ccctcattgt gtaaaccattg acaggtatgt gacaaatggg 50

<210> 789
<211> 50
<212> DNA
<213> Homo sapiens

<400> 789
cacaaactag attctggaca ccagtgtgcg gaaatgcttc tgctacattt 50

<210> 790
<211> 50
<212> DNA
<213> Homo sapiens

<400> 790
ggccctcttt cctgtctgtg taaattgctc cgtgaagccg cgctctgttt 50

<210> 791
<211> 50
<212> DNA
<213> Homo sapiens

<400> 791
cactgtcctt tctccaggcc ctcagatggc acattagggg ggcgtgctg 50

<210> 792
<211> 50
<212> DNA
<213> Homo sapiens

<400> 792
aggagctatg attagacttc tgtagactt cctcactcta tcaccacat 50

<210> 793
<211> 50
<212> DNA
<213> Homo sapiens

<400> 793
accactttc tccttggtaa agcgtttact taacaaaata ataccgaga 50

<210> 794
<211> 50
<212> DNA
<213> Homo sapiens

<400> 794
gtcacacatg acacaagatg tacataatat catgctcacg cctggagtgt 50

<210> 795
<211> 50
<212> DNA
<213> Homo sapiens

<400> 795
atgtgcatgt gaatggccta gagaacctat ttttgtgtct aaagtttaca 50

<210> 796
<211> 50
<212> DNA
<213> Homo sapiens

<400> 796
agatcctgtc ctcttttagc ctcactaatc aagttgggtc ctatcttccc 50

<210> 797
<211> 50
<212> DNA
<213> Homo sapiens

<400> 797
agttgtagt tgccctgcta cctagtttgt tagtgcattt gagcacacat 50

<210> 798
<211> 50
<212> DNA
<213> Homo sapiens

<400> 798
aatcctttaa ctctgcgat agcatttggg aggtagtgat taactgtgaa 50

<210> 799
<211> 50
<212> DNA
<213> Homo sapiens

<400> 799
ggaggaggag cttatttctt ggtgtacttg aatcagaagg tcctgcaag 50

<210> 800
<211> 50
<212> DNA
<213> Homo sapiens

<400> 800
ggaggaggag cttatttctt ggtgtacttg aatcagaagg tcctgcaag 50

<210> 801
<211> 50
<212> DNA

<213> Homo sapiens

<400> 801
aagtggaagt gggatgaattc tactttttat gttggagtgg accaatgtct 50

<210> 802
<211> 50
<212> DNA
<213> Homo sapiens

<400> 802
tgggattcat tggcccatag gtacattgga aaatgtatat ctctccagct 50

<210> 803
<211> 50
<212> DNA
<213> Homo sapiens

<400> 803
gggacccccca ggaggctgag gatgggagac agagaccaga ctgtgacttg 50

<210> 804
<211> 50
<212> DNA
<213> Homo sapiens

<400> 804
tgttttagc acacttgagt ttgtgtattc cattgacatc aaatgtgaca 50

<210> 805
<211> 50
<212> DNA
<213> Homo sapiens

<400> 805
cgatctgtgt ttgctctgac gaatggaatt taccctcaca aattggtgtt 50

<210> 806
<211> 50
<212> DNA
<213> Homo sapiens

<400> 806
ccaggagcgt gggtttctga ttgtgatctg aggttctgcc ccaactgcac 50

<210> 807
<211> 50
<212> DNA
<213> Homo sapiens

<400> 807
acattaccta atattctcac tagctatggt ctccaatcca cactgccttt 50

<210> 808

<211> 50
<212> DNA
<213> Homo sapiens

<400> 808
agacagccct gccaaagcca taccaaagac actcaaagac agccaataaa 50

<210> 809
<211> 50
<212> DNA
<213> Homo sapiens

<400> 809
agagatagca cagatggacc aaaggttatg cacaggtggg agtcttttgt 50

<210> 810
<211> 50
<212> DNA
<213> Homo sapiens

<400> 810
agagatagca cagatggacc aaaggttatg cacaggtggg agtcttttgt 50

<210> 811
<211> 50
<212> DNA
<213> Homo sapiens

<400> 811
gcctttcttc ctctcccaac ataacaatcg tggtaacaga atgcgactgc 50

<210> 812
<211> 50
<212> DNA
<213> Homo sapiens

<400> 812
accgtgtaaa gtggggatgg ggtaaaagtg gttaacgtac tgttggatca 50

<210> 813
<211> 50
<212> DNA
<213> Homo sapiens

<400> 813
gcccagtgct taaaaacgcc ttcttgcacg aggggattga actatacaat 50

<210> 814
<211> 50
<212> DNA
<213> Homo sapiens

<400> 814
gcgggaaggc atgtaaccac ctaaaccatc tccgagaaca tcagaggatc 50

<210> 815
<211> 50
<212> DNA
<213> Homo sapiens

<400> 815
tgtcaggctg gcttggttag gttttactgg ggcagaggat agggaatctc 50

<210> 816
<211> 50
<212> DNA
<213> Homo sapiens

<400> 816
ggtggattcc aaatgaaccc ctgcgttagt tacaaggaa accaatgcca 50

<210> 817
<211> 50
<212> DNA
<213> Homo sapiens

<400> 817
atztatcgta aacatccacg agtgctgttg cactaccatc tatttgtgt 50

<210> 818
<211> 50
<212> DNA
<213> Homo sapiens

<400> 818
tggggggtgt aaattggcat ggaaatttaa agcaggttct tgttggtgca 50

<210> 819
<211> 50
<212> DNA
<213> Homo sapiens

<400> 819
gataggggcg gcccggagcc agccaggcag ttttattgaa atctttttaa 50

<210> 820
<211> 50
<212> DNA
<213> Homo sapiens

<400> 820
catttgtacc ctaggccac gaaccacga gaatgtctc tgacttcag 50

<210> 821
<211> 50
<212> DNA
<213> Homo sapiens

<400> 821

agtgggattt tatgccagtt gttaaaatga gcattgatgt acccattttt 50

<210> 822
<211> 50
<212> DNA
<213> Homo sapiens

<400> 822
ctttcctttg ctccctccca tgtttctggt ggactaaatt gtgtatctgg 50

<210> 823
<211> 50
<212> DNA
<213> Homo sapiens

<400> 823
agttttctag attgtcacat gctttgtgac taatgcaaga aagcaagtcc 50

<210> 824
<211> 50
<212> DNA
<213> Homo sapiens

<400> 824
gaaacacttt caggaccttc cttcctcttg cagttgttct ttaatctcct 50

<210> 825
<211> 50
<212> DNA
<213> Homo sapiens

<400> 825
ctcgaggggc caattacagg agcacaggaa ggttctgatt acacacctct 50

<210> 826
<211> 50
<212> DNA
<213> Homo sapiens

<400> 826
ttgagttaag ttgcatttct ttgggctatg aaggagtctct cttaaagttg 50

<210> 827
<211> 50
<212> DNA
<213> Homo sapiens

<400> 827
agggattggt tctggaccag tttgtctaag tcttggtctct tattggttca 50

<210> 828
<211> 50
<212> DNA
<213> Homo sapiens

<400> 828
tgaactgctg ctacatccag acaactgtgca aataaattat ttctgctacc 50

<210> 829
<211> 50
<212> DNA
<213> Homo sapiens

<400> 829
actatgcbgt ttttcttgaa ggaactaaaa gcaactagct ccctaaggt 50

<210> 830
<211> 50
<212> DNA
<213> Homo sapiens

<400> 830
gtctttccag catccactct cccttgcct cctgggggca tatctcagtc 50

<210> 831
<211> 50
<212> DNA
<213> Homo sapiens

<400> 831
gcagtaggta ggctcacttc tctttccctt caaaatgctt ttcataggct 50

<210> 832
<211> 50
<212> DNA
<213> Homo sapiens

<400> 832
tctgctgttg ggctgggtg tggacagaag gaatggaaag ccaattaat 50

<210> 833
<211> 50
<212> DNA
<213> Homo sapiens

<400> 833
ccacttgaa taggaatct acccctatct tggaagacca ggtggaggct 50

<210> 834
<211> 50
<212> DNA
<213> Homo sapiens

<400> 834
gccctatggc gttgttaaac acgagcgtat gctagtaagt atcattcata 50

<210> 835
<211> 50

<212> DNA
<213> Homo sapiens

<400> 835
gtgggtgcat ggggctgtgg agtgggtgtc agtatggatg tgtctgaatg 50

<210> 836
<211> 50
<212> DNA
<213> Homo sapiens

<400> 836
cattcgtctg tatgccagc cccatccgtg tctgtctgta actacataga 50

<210> 837
<211> 50
<212> DNA
<213> Homo sapiens

<400> 837
tgtctgcttc ttccattttc tcgtctctct cccctcttcc cccattatcc 50

<210> 838
<211> 50
<212> DNA
<213> Homo sapiens

<400> 838
tgggcaagac atgattaatg aatcagaatc ctgtttcatt ggtgacttgg 50

<210> 839
<211> 50
<212> DNA
<213> Homo sapiens

<400> 839
ccagattagg gtggctgtcc atccctggat agctatttgc acgaatcatg 50

<210> 840
<211> 50
<212> DNA
<213> Homo sapiens

<400> 840
cggagctctg gctctgctgt aggaagcccg gtacgtcctt catgacagca 50

<210> 841
<211> 50
<212> DNA
<213> Homo sapiens

<400> 841
gcactgaata tcgaacaagc actcaaattg aagtatcagt catgttttgt 50

<210> 842
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 842
 agctcgaggt gtcctgcact tttcttataa ggctactgaa gttacatggt 50

 <210> 843
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 843
 tgccattgga atgtttctac acgatcctat taagaataat gtgatgcct 50

 <210> 844
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 844
 ggataacaag taaatgtctg aaagcatgag gggctttatt tgcctttacc 50

 <210> 845
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 845
 tgttttctct actacattgt acatgtggga attacagata aacggaagcc 50

 <210> 846
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 846
 aaaactcatc tcagaagagg atctgaatgg ggccgcacat caccatcatc 50

 <210> 847
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 847
 aaaccctttt aatgagggc cagtattatc tctgctttca gaagtagaca 50

 <210> 848
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 848
 gacctgactc cactcttaaa cctgggtctt ctcttggcg gtgctgtcag 50

<210> 849
<211> 50
<212> DNA
<213> Homo sapiens

<400> 849
cttttatagc agtttatggg gagcacttga aagagcgtgt gtacatgtat 50

<210> 850
<211> 50
<212> DNA
<213> Homo sapiens

<400> 850
agatcctgaa agtagctgcc tgtgaccag tgaagccata tcaaaagtgg 50

<210> 851
<211> 50
<212> DNA
<213> Homo sapiens

<400> 851
tactgctaag tgcttggttg gggtggtgag atgatgatta gatcaggggt 50

<210> 852
<211> 50
<212> DNA
<213> Homo sapiens

<400> 852
ttgtaccag agactatgat ttatattgat tgcacttgcc tgccatgatt 50

<210> 853
<211> 50
<212> DNA
<213> Homo sapiens

<400> 853
tttcagatgc ttctgggaga caccaaagg tgaagctatt tatctgtagt 50

<210> 854
<211> 50
<212> DNA
<213> Homo sapiens

<400> 854
ttgtggtaat atgatgtgcc tttccttgcc taaatccett cctgggtgtg 50

<210> 855
<211> 50
<212> DNA
<213> Homo sapiens

<400> 855
cacaaggtgc gcggttaccg ctacttggag gaggacaact cggacgagag 50

<210> 856
<211> 50
<212> DNA
<213> Homo sapiens

<400> 856
tagactcacg aacaaatcca cctgagatca gcagagccac cctagatcag 50

<210> 857
<211> 50
<212> DNA
<213> Homo sapiens

<400> 857
cctcagaggc ttactctaac ccatcccaga ataaatggag acttcatgtg 50

<210> 858
<211> 50
<212> DNA
<213> Homo sapiens

<400> 858
aggctgttga tgcttattct ctgtaactaa gaattttacc ttttggggga 50

<210> 859
<211> 50
<212> DNA
<213> Homo sapiens

<400> 859
gtaaacgtat cctctgtatt cagtaaacag gctgcctctc caggagggc 50

<210> 860
<211> 50
<212> DNA
<213> Homo sapiens

<400> 860
aactaacccc ctttcctgc tagaaataac aattagatgc cccaaagcga 50

<210> 861
<211> 50
<212> DNA
<213> Homo sapiens

<400> 861
gcctcgacac atcctcatcc ccagcatggg acacctcaag atgaataata 50

<210> 862
<211> 48
<212> DNA

<213> Homo sapiens

<400> 862

gcacagtcac attccctcct taggaatcct ccccttcac cctttaca

48

<210> 863

<211> 50

<212> DNA

<213> Homo sapiens

<400> 863

tttgaggttc tttggtttg ttagtaaaag ccagttctgt ggtgatgacc

50

<210> 864

<211> 50

<212> DNA

<213> Homo sapiens

<400> 864

catctgaagt gtggagcctt acccatttca tcacctaca cggaagtagt

50

<210> 865

<211> 50

<212> DNA

<213> Homo sapiens

<400> 865

ttttggcagt tgtctgcatt aacctgttca tacaccatt ttgtccctt

50

<210> 866

<211> 50

<212> DNA

<213> Homo sapiens

<400> 866

tggtgttat gtactactct atagaactct tggcttgac ttctacagct

50

<210> 867

<211> 50

<212> DNA

<213> Homo sapiens

<400> 867

acaggcaaag tgacagggga aaaggaatta gtctaagagt aaggggatga

50

<210> 868

<211> 50

<212> DNA

<213> Homo sapiens

<400> 868

tggtctcctt ggaaatcctg ctagttaaca tttcaagggc aataccgtgt

50

<210> 869

<211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 869
 gtctaccagg cgaaaaccac agattctcct tctagttagt atageggact 50

 <210> 870
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 870
 acttctcttg atgtagaaag agatgacggt gttaccctga gtgacagtca 50

 <210> 871
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 871
 tgagctaagt gtcatgcata tttgtgaaga aacacccttg tttggtcct 50

 <210> 872
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 872
 ctgagcaagg cagatgacct aatcacctca cgacagcaat acagcagtga 50

 <210> 873
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 873
 tttgtactat tgctagacct tcttctgtaa tgggtaatgc gtttgattgt 50

 <210> 874
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 874
 tgctatgcta atgtctagaa aggcatacga tgctactatt atgctctgtt 50

 <210> 875
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 875
 actgctcttt ctcaggccca aggtaaaaag gtttttggtc tcatgttgac 50

<210> 876
<211> 50
<212> DNA
<213> Homo sapiens

<400> 876
tcaccagctg atgacacttc caaagagatt agctcacctt tctcctaggc 50

<210> 877
<211> 50
<212> DNA
<213> Homo sapiens

<400> 877
cagagtaggc atctgggcac caagaccttc cctcaacaga ggacactgag 50

<210> 878
<211> 50
<212> DNA
<213> Homo sapiens

<400> 878
tgcatagaac actgttttta aaccaagta aagactgctt gaaacctgtt 50

<210> 879
<211> 50
<212> DNA
<213> Homo sapiens

<400> 879
tgattttgca acttaggatg tttttgagtc ccatggttca ttttgattgt 50

<210> 880
<211> 50
<212> DNA
<213> Homo sapiens

<400> 880
tttgagcgat ctctcacatg atggggttct ttagtacatg gtaacagcca 50

<210> 881
<211> 50
<212> DNA
<213> Homo sapiens

<400> 881
cccggcctgg gactcagcat ttctgatatg ccttaagaat tcattctggt 50

<210> 882
<211> 50
<212> DNA
<213> Homo sapiens

<400> 882

agttttgctg aagactggcc ttattaatgg acagctttcc taacaagaga

50

<210> 883

<211> 50

<212> DNA

<213> Homo sapiens

<400> 883

gggtcaatag tttcccaatt tcaggatatt tcgatgtcag aaataacgca

50

<210> 884

<211> 50

<212> DNA

<213> Homo sapiens

<400> 884

tgagagctga aatgagacca tttactttgt ttaaaatgct gtactgtgca

50

<210> 885

<211> 50

<212> DNA

<213> Homo sapiens

<400> 885

ttgagctaag accttaggaa attcactttc tgcatagataa aatgacccaa

50

<210> 886

<211> 50

<212> DNA

<213> Homo sapiens

<400> 886

tgctattgta cactttatct ccctcacact gtggtatgct ctgatgtgct

50

<210> 887

<211> 50

<212> DNA

<213> Homo sapiens

<400> 887

ggtctctttg actaatcacc aaaaagcaac caacttagcc agttttatct

50

<210> 888

<211> 50

<212> DNA

<213> Homo sapiens

<400> 888

aggttcttcc tgtacatacg tgtatatatg tgaacagtga gatggccggt

50

<210> 889

<211> 50

<212> DNA

<213> Homo sapiens

<400> 889
acttggatgc tgccgctact gaatgtttac aaattgcttg cctgctaaag 50

<210> 890
<211> 50
<212> DNA
<213> Homo sapiens

<400> 890
gggaggcgtg gctgagacca actggtttgc ctataattta ttaactattt 50

<210> 891
<211> 50
<212> DNA
<213> Homo sapiens

<400> 891
tctcccagaa tgtacttatc ttacctcggc atgtactgta gtcactcagt 50

<210> 892
<211> 50
<212> DNA
<213> Homo sapiens

<400> 892
tgtgcactgt tgtaaaccat tcagaatttt cctgctaggc ccttgatgct 50

<210> 893
<211> 50
<212> DNA
<213> Homo sapiens

<400> 893
catcggccag acagagttga atgcaagcaa tccagaagaa gtgttacagc 50

<210> 894
<211> 50
<212> DNA
<213> Homo sapiens

<400> 894
tgctctagcc atcaggttct ttcaaagca tctttacact cttgcacaaa 50

<210> 895
<211> 50
<212> DNA
<213> Homo sapiens

<400> 895
tgagcatgaa atgggatcct gcatcacttg ttttaactat ttattttgcc 50

<210> 896
<211> 50

<212> DNA
<213> Homo sapiens

<400> 896
tttgcggtta gttggctatt caagaaacct cgcccctctg aatgtcatac 50

<210> 897
<211> 50
<212> DNA
<213> Homo sapiens

<400> 897
gtttacgtgg aagaaacgct aagggtttgc tcccaggaaa ggagaggaag 50

<210> 898
<211> 50
<212> DNA
<213> Homo sapiens

<400> 898
tgctcaaadc aggacttaaa tcataggcac cacatTTTTc atgtcagact 50

<210> 899
<211> 50
<212> DNA
<213> Homo sapiens

<400> 899
tgaaattcta cccatcttga gggaggaccg ttctcagtt aaggacttgt 50

<210> 900
<211> 50
<212> DNA
<213> Homo sapiens

<400> 900
atgagtgtgt cggaaatcccg tgcttaaaat acgctcttaa attatTTTTc 50

<210> 901
<211> 50
<212> DNA
<213> Homo sapiens

<400> 901
aaatcagaac tgaggtagct tagagatgta gcgatgtaag tgtcgatgtt 50

<210> 902
<211> 50
<212> DNA
<213> Homo sapiens

<400> 902
aggctttagc aaagatggat atattggtga ctgagacaga agaactggca 50

<210> 903
<211> 50
<212> DNA
<213> Homo sapiens

<400> 903
agtgggccta actcatgtga gcttgataac tgatgaactc attgggagca 50

<210> 904
<211> 50
<212> DNA
<213> Homo sapiens

<400> 904
aacactaacc tctcccctcc tggetcaaga attactccga agtcagtctg 50

<210> 905
<211> 50
<212> DNA
<213> Homo sapiens

<400> 905
tctgtcagga aatgtaactt tggttttatt tttggcttat tccaaggggt 50

<210> 906
<211> 50
<212> DNA
<213> Homo sapiens

<400> 906
aaattgtgcc ggacttacct ttcattgaac atgctgccat aacttagatt 50

<210> 907
<211> 50
<212> DNA
<213> Homo sapiens

<400> 907
tggcagggag ctgggacctg gagagacaac tctgtaaat aaaacacttt 50

<210> 908
<211> 50
<212> DNA
<213> Homo sapiens

<400> 908
aggagataa tggagtccac ttaatttgg aattctgtgt gagctatgat 50

<210> 909
<211> 50
<212> DNA
<213> Homo sapiens

<400> 909
agatcagtga tactgggtgt agtgttgtaa tcagggtaaa cccacttcca 50

<210> 910
<211> 50
<212> DNA
<213> Homo sapiens

<400> 910
ccatttgaca gtaaaggctc ttggcttctg ttggaggcat gggaaattgt 50

<210> 911
<211> 50
<212> DNA
<213> Homo sapiens

<400> 911
tttaacagcc tgcctcccg gcatcaggag tcattgaaca atcatggatt 50

<210> 912
<211> 50
<212> DNA
<213> Homo sapiens

<400> 912
aatacttatt gtttggcagg tcatccacac acttctgccc ccaactgcatt 50

<210> 913
<211> 50
<212> DNA
<213> Homo sapiens

<400> 913
ttatcagatg ggatactggg gactataaac aatggaaata aagccactgt 50

<210> 914
<211> 50
<212> DNA
<213> Homo sapiens

<400> 914
ccctgtgcct ttcctttgag agtgaagggtg ggtggagttg accagagaaa 50

<210> 915
<211> 50
<212> DNA
<213> Homo sapiens

<400> 915
tgtgtgcgta gaatattacg tatgcatggt catgtctaaa gaatggctgt 50

<210> 916
<211> 50
<212> DNA
<213> Homo sapiens

<400> 916
tctacatgtg actggcttcc ttgccctcgt ctcttgaatg ttagactct 50

<210> 917
<211> 50
<212> DNA
<213> Homo sapiens

<400> 917
tggtagccaa actcaccatt tggctctctt taatctttga gggtttcaat 50

<210> 918
<211> 50
<212> DNA
<213> Homo sapiens

<400> 918
ttccatttat tcatgtacat tggccagtcc ctggctcttg tctgacttct 50

<210> 919
<211> 50
<212> DNA
<213> Homo sapiens

<400> 919
aaccatctgg agtcagtaca gatcatcaat ccttccacat atacaagttc 50

<210> 920
<211> 50
<212> DNA
<213> Homo sapiens

<400> 920
ggccacctgc tgactatttg tggtttaaaa taaaaggttt acttgtctgc 50

<210> 921
<211> 50
<212> DNA
<213> Homo sapiens

<400> 921
tctttgtaaa gcacgatgat acaaactctgg tgccagtgtt atattttgca 50

<210> 922
<211> 50
<212> DNA
<213> Homo sapiens

<400> 922
catggatc atgtatcctt cctgggtgctc acacacctgt caccttgtaa 50

<210> 923
<211> 50
<212> DNA

<213> Homo sapiens
<400> 923
ataaggtgca taaaaccctt aaattcatct agtagctggt cccccgaaca 50

<210> 924
<211> 50
<212> DNA
<213> Homo sapiens
<400> 924
tggaccggag tctgctgagt ttataagggt ccaaaaatat ggtaaaatct 50

<210> 925
<211> 50
<212> DNA
<213> Homo sapiens
<400> 925
actcgacctt ggtaaacgga aatggtgggg gtgaagagaa acaatcacta 50

<210> 926
<211> 50
<212> DNA
<213> Homo sapiens
<400> 926
ttcaaggttc tgcgaaatta attgggcagg ttaattgtgt acctgaaact 50

<210> 927
<211> 50
<212> DNA
<213> Homo sapiens
<400> 927
tccccaggat ggggcctcat acaacccttc atctgcactc aacatttaat 50

<210> 928
<211> 50
<212> DNA
<213> Homo sapiens
<400> 928
ttttagacat ggagtgacagg tggacactgt gtgaactggt tttggtcagt 50

<210> 929
<211> 50
<212> DNA
<213> Homo sapiens
<400> 929
caagaaactt ggtctgcagt ctggaagctt gtctgctcta tagaaatgaa 50

<210> 930

<211> 50
<212> DNA
<213> Homo sapiens

<400> 930
caagaaactt ggtctgcagt ctggaagctt gtctgctcta tagaaatgaa 50

<210> 931
<211> 50
<212> DNA
<213> Homo sapiens

<400> 931
tgttgaacgg ttaaactgtg catttctcat ttgatgtgt catgtatggt 50

<210> 932
<211> 50
<212> DNA
<213> Homo sapiens

<400> 932
ccccttcaac tgagggtcat tttaccagag tcaataaagg ccaacccttc 50

<210> 933
<211> 50
<212> DNA
<213> Homo sapiens

<400> 933
attctgaggg tgactgaggg tacagctgct atcacatgcc gaactttctt 50

<210> 934
<211> 50
<212> DNA
<213> Homo sapiens

<400> 934
tggatcagg agttgggatt tctcagcact gctaataaag atcccccttt 50

<210> 935
<211> 50
<212> DNA
<213> Homo sapiens

<400> 935
cgcagagagg agaaaaggag acagcaagac gccataaag aaacacaact 50

<210> 936
<211> 50
<212> DNA
<213> Homo sapiens

<400> 936
cccgacggg cagctgaagg ccgctgtttt ctaatatttg tatttctaatt 50

<210> 937
<211> 50
<212> DNA
<213> Homo sapiens

<400> 937
cccctgggag atgtagcaaa ttgagtgtgg gttttggagt ctgagcctca 50

<210> 938
<211> 50
<212> DNA
<213> Homo sapiens

<400> 938
gcagagggag ggttgccatg aaggaacttg ggattttcaa tggataaat 50

<210> 939
<211> 50
<212> DNA
<213> Homo sapiens

<400> 939
cctttcacgt ctggacgaat taccaaatgc catgaattgc cactgtgtgt 50

<210> 940
<211> 50
<212> DNA
<213> Homo sapiens

<400> 940
aggaagatgg cgctgttatc agcggggaaa tgtactatth aagatcagct 50

<210> 941
<211> 50
<212> DNA
<213> Homo sapiens

<400> 941
atccaagtct gaaactctgc gctctagtac tgctgttaag atacacaact 50

<210> 942
<211> 50
<212> DNA
<213> Homo sapiens

<400> 942
tggatagcca tttctgctca accacacatt ctctaagaaa cagcttgaaa 50

<210> 943
<211> 50
<212> DNA
<213> Homo sapiens

<400> 943

tgttgtatgt ggatggggaa gttttgtttc tcctcttagc atttgtttct 50

<210> 944
<211> 50
<212> DNA
<213> Homo sapiens

<400> 944
tctgaatgat cctactcctt tggagtaaaa ctagtgtta ccagtttcca 50

<210> 945
<211> 50
<212> DNA
<213> Homo sapiens

<400> 945
tccttttgta gccactttga gtctgcagtt gtcagtaagc ctttttaag 50

<210> 946
<211> 50
<212> DNA
<213> Homo sapiens

<400> 946
gggggaaatt accagtagaa tgccttggtc tgaatatttg atagaaccaa 50

<210> 947
<211> 50
<212> DNA
<213> Homo sapiens

<400> 947
ctggtacttt acagttttgc accaactctg ccaagccact ggatcttaca 50

<210> 948
<211> 50
<212> DNA
<213> Homo sapiens

<400> 948
atccagtcac tcatcaagtg taatctgtct cctaaatata tctggaacct 50

<210> 949
<211> 50
<212> DNA
<213> Homo sapiens

<400> 949
agcttttggg gtcagatctc tggaaatca tgtgatgaag ctgacatttt 50

<210> 950
<211> 50
<212> DNA
<213> Homo sapiens

<400> 950
 agcagttagg cttgactttg aggagaggct gtgatgttta tgatccctga 50

<210> 951
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 951
 gctgtccaca gaaaacgcc ttaagtagcc ctaccttact ccttagagct 50

<210> 952
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 952
 catgggtatt aatagtcttt gctgctggta atactgaaag aacctgcttt 50

<210> 953
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 953
 aggatttgat ttcttgaaac cctctaggtc tctagaacac tgaggacagt 50

<210> 954
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 954
 ggactcagga gctaatactg tctacagtgg agcttgggtgc aattagaagc 50

<210> 955
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 955
 accaggagga cagagtttgc tttcatattt tcctgtaag taagagggt 50

<210> 956
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 956
 ccatgaagaa gcaagacgaa aacacacagg agggaaaatc ctgggattct 50

<210> 957
 <211> 50

<212> DNA
<213> Homo sapiens

<400> 957
ttggaatttg tgttgcattg aaggcaatct ttcctgattg aatcttctct 50

<210> 958
<211> 50
<212> DNA
<213> Homo sapiens

<400> 958
aggaaactga gtagactcct gtgtaaccct gtttggaaact tgccttctct 50

<210> 959
<211> 50
<212> DNA
<213> Homo sapiens

<400> 959
tttacaaggc agaatggggg gtaacagttg aattaaacta gcaatcacgt 50

<210> 960
<211> 50
<212> DNA
<213> Homo sapiens

<400> 960
tagtaggaat gaagtggag tccaggcttg gattgctaa ctacactgct 50

<210> 961
<211> 50
<212> DNA
<213> Homo sapiens

<400> 961
agtgttttagt ctcatgttgg gaacacatga atgtgatgaa catagtgaat 50

<210> 962
<211> 50
<212> DNA
<213> Homo sapiens

<400> 962
accctttgag agttccacaa gtggtagtag agtggtttaa cgtcttctct 50

<210> 963
<211> 50
<212> DNA
<213> Homo sapiens

<400> 963
ttgccccttt tetgtaagtc tcttgggatc ctgtgtagaa gctgttctca 50

<210> 964
<211> 50
<212> DNA
<213> Homo sapiens

<400> 964
actcatcaat tgaaaagtcc tccaaaaaga gaactattgg gaaaccatgg 50

<210> 965
<211> 50
<212> DNA
<213> Homo sapiens

<400> 965
agatgggtga atcagttggg ttttgtaaact acttgatgt ggggaagaca 50

<210> 966
<211> 50
<212> DNA
<213> Homo sapiens

<400> 966
tcagacctgg ttgattttgt actttggaac tgtaccttgg atggtttgt 50

<210> 967
<211> 50
<212> DNA
<213> Homo sapiens

<400> 967
gtatctcatg gcctcttgat gtggaaagaa gttgacagag gttgcaggg 50

<210> 968
<211> 50
<212> DNA
<213> Homo sapiens

<400> 968
agttcagtga gaagaaacca gaacacttgt tcctagtgtt gtgttgtttt 50

<210> 969
<211> 50
<212> DNA
<213> Homo sapiens

<400> 969
gcagatggct atgtgctaga gggcaaagag ttggagtct atcttaggaa 50

<210> 970
<211> 50
<212> DNA
<213> Homo sapiens

<400> 970
ttggtgctaa tgatctgggtg acaataggat tacattggag ccaattgaat 50

<210> 971
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 971
 aactagaaga tgtacttcga cagcatccat tttacttcaa ggcagcaaga 50

 <210> 972
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 972
 atacactttt ccaaatttgt cccaacagcc ctgtaagcca gctttcttct 50

 <210> 973
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 973
 gcattttctt cacttgcagg caaacttggc tctcaataaa cttttaccac 50

 <210> 974
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 974
 attagaccag accagtgtat ttctaaagaa aatcctgaca tgacacacca 50

 <210> 975
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 975
 agccaaatgt gtcatacatc aaatcttcag cagcttttgc ataatccagg 50

 <210> 976
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 976
 tcctcaaagg ggaaaactat gaaggggaag aagacaaacc taagatacca 50

 <210> 977
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 977
agatggactg gagctttttc tttgtgaata gaaactggat gccacagtga 50

<210> 978
<211> 50
<212> DNA
<213> Homo sapiens

<400> 978
agttgtcaga agactcctgg gtgtacagag caaatcaagc tgcacagta 50

<210> 979
<211> 50
<212> DNA
<213> Homo sapiens

<400> 979
agtggttca tagctactga caaatgtctg aactattgtc gtgcccttca 50

<210> 980
<211> 50
<212> DNA
<213> Homo sapiens

<400> 980
gcctgtacaa acattcaagt tagttggcag tctataaatg tgagttgggt 50

<210> 981
<211> 50
<212> DNA
<213> Homo sapiens

<400> 981
aaggaaggta aagttagggg actagaagac tctaaattgg cttctacaga 50

<210> 982
<211> 50
<212> DNA
<213> Homo sapiens

<400> 982
agaactaatt gcccatgttt aattatagca gacacgccat tctaacaggt 50

<210> 983
<211> 50
<212> DNA
<213> Homo sapiens

<400> 983
aacttggtat tgtttagtt tatgtagtaa gtgacttggc acccatcaga 50

<210> 984
<211> 50
<212> DNA

<213> Homo sapiens

<400> 984
 agttaaactt ttctcacc ctgtatagaa aatgccttgc ctctcaagag 50

<210> 985
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 985
 gtcttgggct ggatgggta tagagctgag cggtgtgat ggttctgttt 50

<210> 986
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 986
 gacacatcta gaatgttttt ctttcaccgt acctcaaaa gaggcaattt 50

<210> 987
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 987
 accagggatg ctctctaacg taatcaaggg aaggttcagt aagacaaagt 50

<210> 988
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 988
 acacagttca gtttttgagg gaactagttt tgcataata ctacaccct 50

<210> 989
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 989
 tgcagtggga attcttgagt gaggtcttac ctcttcttta aacctcttca 50

<210> 990
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 990
 aaggcagaat agaatgctga gattgggtaa gtttgcaatg accatcttga 50

<210> 991

<211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 991
 tgccttaatc ttgagttgag gaaatatatg cacaggagtc aaagagatgt 50

 <210> 992
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 992
 gctagattgt gaagtacatg ggatttcacg agccagagga ggcatttgga 50

 <210> 993
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 993
 gcctcaaaga aaaccagag tgccctgttc taaaacgtag ttctgaatcc 50

 <210> 994
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 994
 aatcccaggg cttgggtaag tgctgtgtga taacttgttt ggatgagact 50

 <210> 995
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 995
 aggtttctta cccaacacaa atggacagtg gatttgactt tctaaagact 50

 <210> 996
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 996
 cctggtgatg ggaaggtct tegtgtttta tgccaataaa tgtgccagct 50

 <210> 997
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 997
 aaaatattga gccaggccct ggggaagtgg gaagtgagag ccagagcggc 50

<210> 998
<211> 50
<212> DNA
<213> Homo sapiens

<400> 998
agcacacaag gaatcccaga aatggtggc tgaaggaata aatggatgga 50

<210> 999
<211> 50
<212> DNA
<213> Homo sapiens

<400> 999
cactgcctac cgccattcat gattaaacca tccagaaata ccatccctgt 50

<210> 1000
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1000
aatgagatg gcctctgagg acacatgaââ ggtacttca gcttaccaaa 50

<210> 1001
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1001
tggactagga gagacttgat tttggtgcta aagtccccca gttcatatgt 50

<210> 1002
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1002
ctcacagcca gcacgacccc cagaaagagg cgtcccacaa taaacacgtc 50

<210> 1003
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1003
acagaacatt gagatgtgcc tagttccgta tttacagttt ggtctggctg 50

<210> 1004
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1004

tgaatttcag atgggtgatt taagtgagtc acaagtcaca aaactttgct 50

<210> 1005
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1005
tgtacttaag tgctgatgac tgtagccag tttacaactt tttaccatcg 50

<210> 1006
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1006
ttctgaacat tttagtcaag ctacaacagg tttggaaaac ctctgtgggg 50

<210> 1007
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1007
tgtcaagggc attaaaagcc tcttgaagca taatcttadc aaagggatac 50

<210> 1008
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1008
tcagtccatc tcaagacctg tgctgtcag attcacaat tatggagatt 50

<210> 1009
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1009
ggtaggagtg aatctctct ctcaaactct aggaaagccc gagtcatact 50

<210> 1010
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1010
acagcaggtg tcatgggtca agcataaatc atatatagca ttttcaggca 50

<210> 1011
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1011
 acagcagggtg tcatgggtca agcataaatc atatatagca ttttcaggca 50

<210> 1012
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1012
 tgtgggtccc tatgagtga gagcccatat ccccatagag tctacctaga 50

<210> 1013
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1013
 tgttttcatt tcagaacatt gtgctgtctg tcagcatatg tatatcagct 50

<210> 1014
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1014
 tggctactgc aaaaccagtt ttgacaggtc agattttcat atgtataggt 50

<210> 1015
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1015
 agaggttctg aaaggctctg gtcttgtcaa aacaagtaaa cggtggaact 50

<210> 1016
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1016
 atgcgtcctg gttttcaatc gctgctgaac aaacctatca aaaatgtagc 50

<210> 1017
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1017
 agtatgatcc ctcaaaacct cactaactgg aaggatgatt ttgtctcagt 50

<210> 1018
 <211> 50

<212> DNA
<213> Homo sapiens

<400> 1018
gagggttcct cactgagggt gagaggtgtg ttggatagga ctgatccac 50

<210> 1019
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1019
aagtgtggtt cctgaaggct gtctttgtaa cttttttag ttcttttgt 50

<210> 1020
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1020
aatcctttaa ctctgcggat agcatttggg aggtagtgat taactgtgaa 50

<210> 1021
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1021
ctggaaaggg ggctaagatc agggccttca ttctggatca ggcgaaattt 50

<210> 1022
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1022
gttcctcttc ggaagcttt tgataaggaa ttctcagacc gatagggtgt 50

<210> 1023
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1023
agttttgtac ttttcacata gcttggtgcc ccgtaaaagg gttaacagca 50

<210> 1024
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1024
ttggatctgg ttctgaggag gacacacctg gcatcggatg acctttataa 50

<210> 1025
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1025
 tagacatgct tgtgtccaca cagcacacca atgtgatact tccactgacc 50

<210> 1026
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1026
 atgggatgcg gtgggttgcc caataaacgg ctgtggagtg gaaattcctc 50

<210> 1027
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1027
 tttgtacgta gctgttacat gtagggcaat ctgtctttaa gtagggataa 50

<210> 1028
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1028
 ggaatttcct atcttgtagc atcctgtaaa taaacattca agtccaccct 50

<210> 1029
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1029
 gagatgagtt ttggtatattt ggggttttca agcattggaa ccaaaggcca 50

<210> 1030
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1030
 tcacttagac ccoctgtaaca ggtaaatact tcatgggtgtt ctgtttccta 50

<210> 1031
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1031
 gctctccaga ctgttacagt gcatgagtga taataaaaat gagtcagtca 50

<210> 1032
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1032
ggaggtaaac attggagatg tttgtgaaaa tattactctt gctgtgaggt 50

<210> 1033
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1033
ggcccctttc tttcttctga ggattgcaga ggatatagtt atcaatctct 50

<210> 1034
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1034
tcaacagcac ttaaactgaa gtttgggttg ctcatacaat aaacagattg 50

<210> 1035
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1035
gggccatttt atgatgcatt gcacaccctc tggggaatt gatctttaa 50

<210> 1036
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1036
ttttccacag gggacctacc cctattgegg tcctccagct catctttcac 50

<210> 1037
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1037
gggtgagaac acttgcaaca gtttattaat gaggtgactt tcaccttagg 50

<210> 1038
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1038
aatgtacat caataaaatt ggctgcttgg gcagtttttag ttaccacett 50

<210> 1039
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1039
ttttcagagg cttcctaatt aatcttgccc tctcattt cagtccattt 50

<210> 1040
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1040
agctccaacc ttacgatga gaattaaact tgcttgatt tccactttgt 50

<210> 1041
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1041
agcttcctct tctcaggac agcttctact ttagatgat caataatgat 50

<210> 1042
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1042
cactgacttc tattccatga gcttttcaa ggcgcttatt ttatggcagc 50

<210> 1043
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1043
tgtttcgtaa attaaatagg tctggcccag aagaccact caattgcctt 50

<210> 1044
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1044
ggaagaccca aggaaatccg gaatttcgca ccagaggacc caccacgtcc 50

<210> 1045
<211> 50
<212> DNA

<213> Homo sapiens

<400> 1045

tcttggttact tccaaggaga accaagaatg gctctgtcac actcgaagcc 50

<210> 1046

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1046

tctttctcta aagcttggtt gatgaaactg gttggtcctt tcagtgaaca 50

<210> 1047

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1047

gctggtgac ttagtagata aaatactgcc ttctgccttt gggaccatga 50

<210> 1048

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1048

tctgtaattg gacagctctc tcgaagagat cttacagact gtatcagtct 50

<210> 1049

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1049

ggtcgtggac gtggtcagcc acctcagtaa aattggagag gattcttttg 50

<210> 1050

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1050

aaagtgaac caagagtaca agagacaggt gaaattaaag agccccttga 50

<210> 1051

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1051

gtccaggatg cagagctaaa ggcctctc cagagttcta caagtcgaaa 50

<210> 1052

<211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1052
 ccaacttgag atgtatgaag gcttttggtc tccctgggag tgggtggagg 50

<210> 1053
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1053
 ttctcatcc catttacagt ttttctaact ccagggtagt gtttagtggt 50

<210> 1054
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1054
 catgccaaag actcaactgc tttcaaagat aatgtgggtg ctagatgcag 50

<210> 1055
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1055
 tccccttctc ccctgcactg taaaatgtgg gattatgggt cacaggaaaa 50

<210> 1056
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1056
 accatgcata gagtcaatca aatccttggt atgttttgta tggactttga 50

<210> 1057
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1057
 tgtgctgcct caagactgct ggagtcagga cattttatag agccttttcc 50

<210> 1058
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1058
 gtgcagtctc ttagcagact tcaggcccaa actgtattct tcactcaggc 50

<210> 1059
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1059
gttagtgtgaaa gctgttttact gtaacgggga aaaccagatt ctttgcattct 50

<210> 1060
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1060
gcttctgtaa atgccatccc aatgttggtt ggttttgttg aacagaaacc 50

<210> 1061
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1061
ttgcctcgat aagtttccaa gtcactgaaa tctgctgaag gttttactgt 50

<210> 1062
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1062
acttctgaac tgaggaattt gctgttgaca gccaaagtat agtgtacaag 50

<210> 1063
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1063
agagccatct ggtgtgaaga actctatatt tgtatgttga gagggcatgg 50

<210> 1064
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1064
agaacaagtt tgccttgatt ttgtttaaaa tgacttctgc taagcaccca 50

<210> 1065
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1065

cctgccaaag caagaagaag gcttgggtccc cagaaacaaa cagtagtcat 50

<210> 1066
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1066
ggagtctcag gccaaaggatg tcattgaaga gtatttcaaa tgcaagaaat 50

<210> 1067
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1067
ggagtctcag gccaaaggatg tcattgaaga gtatttcaaa tgcaagaaat 50

<210> 1068
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1068
tttcatctga atccagaggt gcatcaaatt aatgacagc tccacttggc 50

<210> 1069
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1069
ttgacacggt ccacttcctt tgcaattatt gtatttagtt gtgcactagt 50

<210> 1070
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1070
ccaaatcaac tgtgtgaact gtttctgcac tgcttgctaa tggtttcac 50

<210> 1071
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1071
attgagacgg gaaaaactcg ctgtaaaata atgccaacct agataatgct 50

<210> 1072
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1072
tgttcttgca ttgcatttaa tgatcccttt tctccccacc tccacacact 50

<210> 1073
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1073
tgcagattcc tagtagcatg ccttacctac agcactatgt gcatttgctg 50

<210> 1074
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1074
gcaagaccgt ttgtccactt cattttgtat aatcacagtt gtgttcctga 50

<210> 1075
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1075
aatttaactt ttgggtgccca ggaaatgggt tttotcaaag tccattgccg 50

<210> 1076
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1076
tcgtggaagg gagagccatc agcagaaaga gaccctgaga tcttcgctg 50

<210> 1077
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1077
aaacacacca gggagatacc ataaaacaga ccaagactaa cttaaaaaca 50

<210> 1078
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1078
aaccacaatc aaacatatataa ataagcctgg aaaaccaact acaaccagca 50

<210> 1079
<211> 50

<212> DNA
<213> Homo sapiens

<400> 1079
tttcctgatt atttgatgct agctggaatt caagaaatgg cattgacctt 50

<210> 1080
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1080
tcaccccaag tagcatgact gatctgcaat ttaaaattcc tgtgatctgt 50

<210> 1081
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1081
tgagaagtgc ggaataggtt gcttctacca cctgttctta atgtaacagt 50

<210> 1082
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1082
tcgaatgagt ggctcaggtag tcttaaagag cctcatgtta aatagacaca 50

<210> 1083
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1083
tgaagtgcaa ataaaagcac tgctactata agacattctg gaatggttgt 50

<210> 1084
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1084
gcagtcccca gatccagaac atgggaagtt agggaaaatg tgtgattttg 50

<210> 1085
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1085
aggatgaca ggaactgtct tcatgtcctt acccaagcaa gtcacccatg 50

<210> 1086
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1086
aattttgaat ttctccttgc cacgtaata aagccaaaag cagcgggtgc 50

<210> 1087
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1087
tgactctgtg ctggcaaaaa tgcttgaaac ctctatattt ctttcgttca 50

<210> 1088
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1088
gctctccac agaaaccttt gtccttgcaa ctttatcctt tgcccgatt 50

<210> 1089
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1089
ttgccttagc cagtgtacct cctacctcag tctatgtgag aggaagagaa 50

<210> 1090
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1090
actgtattgg gattgtaaag aacatctctg cactcagaca gtttacagaa 50

<210> 1091
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1091
gtgtgtgtgc atgtgtgtgt tagcagaggt attttactca gaaaataggt 50

<210> 1092
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1092
gccagtcaaa aagtaaaatg aagagaggca cgccaaccac tccaaaattt 50

<210> 1093
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1093
 cactttgtgg tcgaaaggct cagcctctct acatgaagtc tgtggacatg 50

 <210> 1094
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1094
 aggctttctt gtctcagcaa ctttcccatc ttgtctctct tggatgatgt 50

 <210> 1095
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1095
 tttttctttt tgaagcatgg aaaacaaatc ttttatgccca ctccagccat 50

 <210> 1096
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1096
 ccatgatata aggaagggcc gtgcctcatg gaaaagcaac aggtggcctc 50

 <210> 1097
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1097
 taaaggcgag caccgtcagg agcgagaga tcggccctac tagatgcaga 50

 <210> 1098
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1098
 tgagcctgac acctgtgttt cagcatttgg agacatcccc atgttattct 50

 <210> 1099
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1099
 ctgagccaca tccaagcctg gtttgctgca ctctattgcc aaagactgac 50

<210> 1100
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1100
 acttgccctca ttctcatcat ccaaactgaa catttgcctc ccaagcagaa 50

<210> 1101
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1101
 gtatgaagaa ggaagcccag cagagcagga ggcagcagca acaatgagag 50

<210> 1102
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1102
 ctgtgtgtgt ccatgtctgc aagcagttct tcaataaatg gcctgcctcc 50

<210> 1103
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1103
 tcaaagcaga gcacagagtt atttgggtgt tgctgaagac agcctttgtg 50

<210> 1104
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1104
 acttccatct cagctaagtc acccaccagc tcaaacacac caataaagct 50

<210> 1105
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1105
 tgcaatccac aatctgacat tctcaggaag cccccaagtt gatatttcta 50

<210> 1106
 <211> 50
 <212> DNA

<213> Homo sapiens

<400> 1106
cagaaaccaa tactgctgtg cactgagaat aaaactcat gccccttgt 50

<210> 1107
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1107
caccagtggag gattactgat gtggacagtt gatggggttt gtttctgtat 50

<210> 1108
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1108
aaagtaaggc atggttggg ttaatctggt ttatTTTTgt tccacaagtt 50

<210> 1109
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1109
taagggtag acaagatacc gaataatctc cacaagttta tttgtggtct 50

<210> 1110
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1110
acatcaacag tgggtgctgtg gaatgccag ccagtttaagc acaaggaaa 50

<210> 1111
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1111
acaacaatg caaccaacta tccaagtgtt ataccaacta aaacccccaa 50

<210> 1112
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1112
ttcacctaca aaatttcacc tgcaaactt aaacctgcaa aattttcett 50

<210> 1113

<211> 50
<212> DNA
<213> Homo sapiens

<400> 1113
gggtacttct ccataaggca tctcagtcaa atccccatca ctgtcataaa 50

<210> 1114
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1114
cttgetgttt tccctgtcca catccatgct gtacagacac caccattgaa 50

<210> 1115
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1115
aagtcaattc ctggaatttg aaagagcaaa taaagacctg agaaccttcc 50

<210> 1116
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1116
aagctactgt gtgtgtgaat gaacctctt gctttattcc agaatgctgt 50

<210> 1117
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1117
tgtcatgctc ccagaatttc agcttcagct taactgacag atgttaaagc 50

<210> 1118
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1118
aggtggtact caagccatgc tgcctcctta catccttttt ggaacagagc 50

<210> 1119
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1119
tgcacgtaa aaccttcaga aggaaaggag aatgttttgt ggaccacttt 50

<210> 1120
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1120
tgtggttagg aagcaatttc ccaatgtacc tataagaaat gtgcatcaag 50

<210> 1121
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1121
gcctgcgttg ccacttgctc taactctgaa tatttcattt caaaggtgct 50

<210> 1122
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1122
agctaattatt gctgcaatgg ctggcaggaa acaggtgatc aagagtgtca 50

<210> 1123
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1123
tcgacccag aggtgaatgt attgttatta ttgttttgtt gttgttgtga 50

<210> 1124
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1124
tccttggcag ctgtattctg gactctggat gttgctctct aaagaccttt 50

<210> 1125
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1125
ttgccaatgt ccagtacaga ataatttgta cttagtattt gcagcagggt 50

<210> 1126
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1126

tagagaacct atagcatctt ctcattccca tggggaacag gatgcccaca 50

<210> 1127
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1127
aactcatgtg caggtttgat aaacaccaga acagaagaca gtgatgctgt 50

<210> 1128
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1128
tggccctgac agtattcatt atttcagata attccctgtg ataggacaac 50

<210> 1129
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1129
acctggagag agaaggtatt gaaacatctc ctttatgtgt gactttccca 50

<210> 1130
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1130
agaaataccc actaacaag aacaagcatt agttttggct gtcatacaact 50

<210> 1131
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1131
atgggcaaat tcttaggtaa gacaaaaaca cagccccaag ggcaggtagt 50

<210> 1132
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1132
gctgatgccca ctaccgatt tgtttatttg caatttgagc catttaaaga 50

<210> 1133
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1133
cctgttccct tcagccaacc cgtttctgca gtaaaattaa gcctgtcaaa 50

<210> 1134
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1134
tggcttaaac cagtgttcag tctggtgcca aacttcgaat ggaatacaaa 50

<210> 1135
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1135
tgtgagttgt gaccatgtaa catgagaggt tttgctaggg cctattatatt 50

<210> 1136
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1136
agctgagtaa ttctaattctc ttctgtgttt tccttgcctt aaccacaaat 50

<210> 1137
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1137
aatattgctag aatccagtaa atcattttgg tagctctggc tggctatca 50

<210> 1138
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1138
tggctogaag tttctctagt gtttctgtg gaaggaataa aaatttgagt 50

<210> 1139
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1139
actcttggga gtgctgcagt ctttaatcat gctgtttaa ctgttggc 50

<210> 1140
<211> 50

<212> DNA
<213> Homo sapiens

<400> 1140
tttacatgat tggaccctca gattctgtta accaaaattg cagaatgggg 50

<210> 1141
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1141
tgaaatcaaa gcacgggtgca gaacttgtag caagtacaaa aggtccatgt 50

<210> 1142
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1142
ccttactctg tccttgatgg aggggagaag ggagggcaaa gaagttaaat 50

<210> 1143
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1143
caccgccatg caactccatg cctatttact ggaacctgt tatgccaaac 50

<210> 1144
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1144
caagagaatg aaggaggcta aggagaagcg ccaggaacaa attgcgaaga 50

<210> 1145
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1145
agtctcgggt atgctgttgt gaaattgaaa ctgtaaaagt agatggttga 50

<210> 1146
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1146
actaaactac ccgaaggact taggtgcttt gtgtacttaa cccagagacc 50

<210> 1147
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1147
gccaccactg tctgtttgag actccttcat gagcaaagat tgatgtatgg 50

<210> 1148
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1148
atgaatttga agacatgggtg gctgaaaagc ggctcatccc agatggttgt 50

<210> 1149
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1149
agcttcagtc tctactggat tagccctact ctttccttcc cctccatta 50

<210> 1150
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1150
agatgtggtt atcacaagtc tcgaggggga aactactgca taaaataact 50

<210> 1151
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1151
tcagtaaaaa tgctgttgt gagatgaacc tcctgtaact tctatctgtt 50

<210> 1152
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1152
agttaactgc ggagccaaga gttggactat aattaaatta ccttccttgt 50

<210> 1153
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1153
ccggtttggg ttgttaatgg ttgaaaactt agaggaacat agtgaggcct 50

<210> 1154
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1154
 ccggtttggg ttgttaatgg ttgaaaactt agaggaacat agtgaggcct 50

<210> 1155
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1155
 ccagtgattt gattaactca gggcaaggct gaatatcaga gtgtatcgca 50

<210> 1156
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1156
 ttttgacca gatgatggtt cctttacaga acaataaaat ggctgaacat 50

<210> 1157
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1157
 actggacatc gccctacgca acctcctcgc catgactgat aagttccttt 50

<210> 1158
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1158
 actgctggta gcatttatct gacttggaaa gttggagaag aggcattcct 50

<210> 1159
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1159
 cttccgaaga gaagaggctg gggctgtaac tggaaagggg aagcgcacag 50

<210> 1160
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1160
cctgaccttg agctctagtc tcccctttaa atcttacctt ggcagtaaca 50

<210> 1161
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1161
ttggccccac agtttttatg tgcctactt gaaattatgt ttgctcccg 50

<210> 1162
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1162
tggaggattt ttgttaagtc aagtgtcaat cgaagttaaa aagcaagggt 50

<210> 1163
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1163
atggctcttt tcctattaga gcaacttggt tttccctgat aatgtgtaca 50

<210> 1164
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1164
gtcgtgactg acttggtgtg ttgctattgt gtttctatat actccgtcca 50

<210> 1165
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1165
tttagtccag tggttccac agctggctaa gccaggagtc acttgagggc 50

<210> 1166
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1166
tggaagacag taaagaacag ccctctgtag tcagtaaagt ttcaccttct .50

<210> 1167
<211> 50
<212> DNA

<213> Homo sapiens

<400> 1167

tggtggagt attatgttta actggagttg tcaagtatga gtccctcagg 50

<210> 1168

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1168

aaagtagtaa atcgggctgt cttaatagtg cgcctgttac taatggaatt 50

<210> 1169

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1169

atgtcaagct ttgggtctct ggagtataac tttttgtaac attagccatt 50

<210> 1170

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1170

atctaggaca cctccatcaa acctcctctt gcactttccc tctggcttcc 50

<210> 1171

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1171

tgtgatggga acagtgtctt agggagatgc agcttggact tgaggtaaat 50

<210> 1172

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1172

agaatgggag gccaaccttc tatcagagtt aaacttttga caaggaaca 50

<210> 1173

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1173

aaaaatgtga aactgccctg cctccccttt ttgctgacaa cactgtgtac 50

<210> 1174

<211> 50
<212> DNA
<213> Homo sapiens

<400> 1174
ggccccatta caaaactcct taggaacctc gccctctctc tgctgtaagg 50

<210> 1175
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1175
gctgctgtct agatttatgt gtgctctgac aagaaatggt ttgtgtaaca 50

<210> 1176
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1176
ccaggctgcg gtgagaatgc caagaaggca ctacctccca cccacatcac 50

<210> 1177
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1177
ccagttgtct tgaacagcct gactcctgcc agccctatgg aagttccttt 50

<210> 1178
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1178
ccagttgtct tgaacagcct gactcctgcc agccctatgg aagttccttt 50

<210> 1179
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1179
tctttaagaa gaccaccaca tagaataccc cttcctatca gctcgtctg 50

<210> 1180
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1180
tttgactttc aggatgtcat actacttctg tacctagcat tttcagtcct 50

<210> 1181
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1181
tgcttagatt tgttcctggt gtcaaaactg ttacccccaa aattggtgtg 50

<210> 1182
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1182
aacaaggtag atgcattatg tgtcacatta ctgggcaaac tgttcaagta 50

<210> 1183
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1183
agcacaagca gtgtctgtca ctttccatgc ataaagttta gtgagatgtt 50

<210> 1184
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1184
agtgactaaa tactgggaac ctatcttctc aatcttctc catgttgtgt 50

<210> 1185
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1185
cttcaggact gtatgagccg agcagttaca agacacaaag aagttaaaa 50

<210> 1186
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1186
agggccagat ttcattgtga cctggggat gctgtgaatt tctcctgcag 50

<210> 1187
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1187

aaatgcaggt ttattatcca gcactgagag agttaacaag gactggaaaa 50

<210> 1188
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1188
aaatgcaggt ttattatcca gcactgagag agttaacaag gactggaaaa 50

<210> 1189
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1189
ccctccttaa tcaacttcaa ggagcacctt cattagtaca gcttgcata 50

<210> 1190
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1190
aaaccagtga ctctaatct ttttcaagtt aagacacctt accattgctt 50

<210> 1191
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1191
aaggaacac aaaactgtgg tcctgacaat actaattcta cccgtttca 50

<210> 1192
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1192
ttttgtacg atcagcctta ctgctaataa aagcacttcc acagggaaaa 50

<210> 1193
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1193
aaattctaca aaggagaggt tgggcgttac aaaggcattg tgaatcta 50

<210> 1194
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1194
aaattctaca aaggagaggt tgggcgttac aaaggcattg tgaatctaataat 50

<210> 1195
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1195
ttcaccgagg acatgaaact ccaccttgcg gggataaaga gagaaaaaca 50

<210> 1196
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1196
tgtgctcttc agtagaggat tttctgtgat cctacaatga agggaaagct 50

<210> 1197
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1197
tttgtgtaaa accacctttt gaagcagcaa ctatcaagtc tgaaaagcaa 50

<210> 1198
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1198
agtgggtgaa tcacagtaat ttcctgtaa aatgtggtagc ctgaagtcac 50

<210> 1199
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1199
taggctcata gccttgatt tcgttttaga ttgtaagctc aatggcaggg 50

<210> 1200
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1200
gctcaagcaa atgtttggta atgcagacat gaatacattt cccaccttca 50

<210> 1201
<211> 50

<212> DNA
 <213> Homo sapiens

 <400> 1201
 aagtcatcat ttgccttgaa agtttcctct gcattgggtt tgaagtagtt 50

 <210> 1202
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1202
 gaggaggggt gggagtggt gtaacttcac aatcctaata cagtaaatgt 50

 <210> 1203
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1203
 ttcttaagga gtcttaactc ggtacttggg ttaacgccag aaattacttt 50

 <210> 1204
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1204
 ttggtgagtt gccaaagaag caatacagca tatctgcttt tgccttctgt 50

 <210> 1205
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1205
 aggccttggt ttccagcttc atctgcagtt ctatgtgaag attgataaat 50

 <210> 1206
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1206
 tgcaacttag aaaccagcta cagtatggcc cacttaataa aacacctgaa 50

 <210> 1207
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1207
 agtttattgt tagccaggtt gcttgaaagg ttgagagtgg agtggtttgg 50

<210> 1208
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1208
gcataactgc tctagcttct tgtttaccat agtactgtgg cttcagattt 50

<210> 1209
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1209
tgtatctttt cctgttaaac acacagaccc ctccccaatc tggacattga : 50

<210> 1210
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1210
gccttgccag cctgtgtgct tggggaaca ccttgtagct gagcttacag 50

<210> 1211
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1211
gcatgaatgg gcaatatttt catctgttta cttgtagtgc catagaggcc 50

<210> 1212
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1212
ggccttctat gtgcttagcc ataacaattc cattaagcaa gaaggtaagc 50

<210> 1213
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1213
aattgaacaa taaccattgg tgactggagc aggtaattat agcctgcaga 50

<210> 1214
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1214
aggggtccca agagcctgtc ctcttttggt caaatacat cttgaaacgt 50

<210> 1215
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1215
cctgctggga ctccctgact tactttgggt ggctcctagt gctacttggt 50

<210> 1216
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1216
ggaaagctcg tcagtttagt aggctccgaa atagaatagc agttgtcact 50

<210> 1217
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1217
agaagtaac tttatagaag taacaccaat atcctagtct gcttgccccg 50

<210> 1218
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1218
gctgctcct gggtccactc tggagagtaa tctgggacat cttagtgttt 50

<210> 1219
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1219
ctctcctctt cccacctctg tatcccacac aggcactctg tgatgttctc 50

<210> 1220
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1220
acacctgttc tttgtaattg gttgtggtg cattttgcac tacctggagt 50

<210> 1221
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1221
agcctagggtg aaaatctatt tataaatgga ccacaactct ggggtgtcgt 50

<210> 1222
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1222
catgaagctc tcaagtcctg catcctgagg atccagatgg atgacaagga 50

<210> 1223
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1223
gggtggtgtt cctagacctt ccctgatgcg attttacctt tgttgaattt 50

<210> 1224
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1224
acgatgctgt ttgctctgga atgttcatct ttagacagg ttttgctca 50

<210> 1225
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1225
tccgagggat gagattaagg cagaggcaaa agtttcacac aaagtttctg 50

<210> 1226
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1226
gccacaactc ccatagatgc caatgttttg atagcctcag tttctcaacg 50

<210> 1227
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1227
tgaccacccc accaaggaag aaagcagaat aacatTTTT gactgctg 50

<210> 1228
<211> 50
<212> DNA

<213> Homo sapiens

<400> 1228
catgctctcc catgacatct ccatgctggt ttctccatag cataaatgaa 50

<210> 1229
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1229
gggtccgtgc atcaccaaat gaaagtttgt atttaacgag gaggtgcttt 50

<210> 1230
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1230
aaatcctctc tgctgttcac attatccttt gtttaacgta tgaaccaggt 50

<210> 1231
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1231
gtgtagaatt cccggagcgt ccgtggttca gagtaaactt gaagcagatc 50

<210> 1232
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1232
tgggtaggtt aagctgccat acgtgttcag tgtgaatagt gtttaagttg 50

<210> 1233
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1233
tgatgcaaga gtggacgtaa tgctagttgg cagtatttta ttgtaagaaa 50

<210> 1234
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1234
tcagtaaaaa tgctgttgt gagatgaacc tcctgtaact tctatctgtt 50

<210> 1235

<211> 50
<212> DNA
<213> Homo sapiens

<400> 1235
gggccatfff atgatgcatt gcacaccctc tggggaaatt gatctfataa 50

<210> 1236
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1236
aaaatgctgc tggctfctct gaagacaggt gcttgaactt gtcagtttgt 50

<210> 1237
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1237
ccgccccaaa gtctgttctg atggcactga gttttcattg ttctggatgt 50

<210> 1238
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1238
tggttgtgct aaattcatag caggtgcctt attctttgct ttagtcaaa 50

<210> 1239
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1239
tttccaggg taatcttcag ttggccctga ttcaattaa tggccttaat 50

<210> 1240
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1240
acactcctta agttccaat gttttccgct aatagtctgt cctaaagcct 50

<210> 1241
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1241
aggactcttg aacatctgag cagttttgtg ctttgagcca ctttttgaca 50

<210> 1242
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1242
cgcctatatg aacctggaca tatggactac cacagcgaat aggaatgcaa 50

<210> 1243
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1243
cgcctatatg aacctggaca tatggactac cacagcgaat aggaatgcaa 50

<210> 1244
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1244
tttctatatt tgctccagac tatggtttca gcataccttg ggtctgaaca 50

<210> 1245
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1245
ttgtgctttc tgtatttaa actttggctg tactaagcaa atgcaagggt 50

<210> 1246
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1246
ggtcatcata gttgaggat gtgtctgcta tttgcaaaga agttggtcgt 50

<210> 1247
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1247
ttcaggaccc tagaggagag cttatacaa ttaccgatgt gaatttctct 50

<210> 1248
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1248

tgttttgctt aatgtggaca atttacacac ccaacacata ctgtttccaa 50

<210> 1249
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1249
gagatcaacg ggatgagtg ttacagctgc ctccctcttc atgcaatctg 50

<210> 1250
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1250
aggtagggtt taatccccag taaaattgcc atattgcaca tgtcttaatg 50

<210> 1251
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1251
agggggtgat ttttgctctt gtcttgagaa ataacagtgc tgttttaaaa 50

<210> 1252
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1252
acttgagtgg ggttttcctt ttcccccaat tctaagagaa tataatgtgt 50

<210> 1253
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1253
gcgctgttg ttagcaaaga atagattcac acagtctaag gtttccttcc 50

<210> 1254
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1254
ccctcttagc ctatccatct taagcccaa gctgagtgtg gttctggtaa 50

<210> 1255
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1255
taaggagaat tagactccca agtagacacc agagtcactg tttggttgg 50

<210> 1256
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1256
acgtgttttt gggatattgt tccaatcttt aatgacctt gcctgtcca 50

<210> 1257
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1257
aaccatttgt taactgtact gaaggtgtgt cctcaagaag aaagtgttca 50

<210> 1258
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1258
aaacaaactg tgtaactgcc caaagcagca cttataaatc agcctaacat 50

<210> 1259
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1259
aaactgatca cactgactgg atctgtccac gacatggaaa ataaactgga 50

<210> 1260
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1260
ttgcattgat gaatthtga tctgcttcca ttaaaagcat aacagccaca 50

<210> 1261
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1261
atctctcctt cagtctgctc tgthtaattc tgctgtctgc tcttctctaa 50

<210> 1262
<211> 50

<212> DNA
<213> Homo sapiens

<400> 1262
ttgaagtttt aaggacgctc agtgtttatg ccatttttcc agttccaaaa 50

<210> 1263
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1263
ggtcggctct tatagagtgg ccatagtgtt ctgtcaaac acttgcttcc 50

<210> 1264
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1264
ttctccttca cagctaagat gccatgtgca ggtggattcc atgccgcaga 50

<210> 1265
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1265
catgattcca aggatcagcc tggatgccta gaggactaga tcacottagt 50

<210> 1266
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1266
agtgaagatc tggctgaacc agttccacaa gggtactgta tacatagcct 50

<210> 1267
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1267
aggccatcat tctatacctc atttaagcca ttgttatcaa gggtttacc 50

<210> 1268
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1268
agagtacatg gaaagttagg tgttcaaatt cacatctaata ttcctggga 50

<210> 1269
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1269
 gttttcagtt ttccccttta cagtotttctc ccctcacctc caggaccctc 50

<210> 1270
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1270
 atccttcaga atgtgttggt ttaccagtga caccccatat tcatcacaaa 50

<210> 1271
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1271
 gtctggcctt ggcttgctcg gataaaactt tgtatgtatt ttgtatggca 50

<210> 1272
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1272
 tgctgagcat ggggaatgtg gctgctgcag agacgttatg aaacacttct 50

<210> 1273
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1273
 tctccatcct tgtgaatgct ctgctctggt tcaaatagag tgcagtcagt 50

<210> 1274
 <211> 51
 <212> DNA
 <213> Homo sapiens

 <400> 1274
 tggttcttct gatgagcaag ggaacaacac tgagaatgag gaggaaggag t 51

<210> 1275
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1275
 tgaagttaag gattacttgg ctgccatagc ataacaatga agtgactgaa 50

<210> 1276
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1276
 ggctttcttg ttttgggtgc ttggagtgct gggtaaggtt cagtggatat 50

 <210> 1277
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1277
 ctatctacac catcatgcg tggttccgga gacacaaggt gcgggctcac 50

 <210> 1278
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1278
 gaagcggctg gcaactgaag gctggaacac ttgctactgg ataatcgtag 50

 <210> 1279
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1279
 aagcaagaga ttgtaaaccg ggtacagaat ccaagagatg agagaggacc 50

 <210> 1280
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1280
 agacgaatgc ttgtcagttg tagctttcca ggattctgct ccaatgagga 50

 <210> 1281
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1281
 caaactgatt gcggggcagg gacttgagta tggggagagg ctgcaaaaga 50

 <210> 1282
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1282
 gaacatcagg agaggagtcc agagcccacg tctactgagg aaaagtcagg 50

<210> 1283
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1283
 agttggagag ttactcgaac ctcaggtagc agttgtaagg cagacatagt 50

<210> 1284
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1284
 ctctccagg cctctcggat gcctctgttg ggacagctaa gttcctcttc 50

<210> 1285
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1285
 tcctccatat atccaaacaa caaagcataa tatttcgccc actaagccaa 50

<210> 1286
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1286
 tgctgttgca aaagaagaag acatctctgc ctgagtttta atttgtcca 50

<210> 1287
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1287
 tttctgctgg agtcccctgt gtcctcagcc atcccaagaa gggtttgctg 50

<210> 1288
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1288
 ctggttggat ctgcatctca cgcccactgc acaccgttcc tctccatctg 50

<210> 1289
 <211> 50
 <212> DNA

<213> Homo sapiens

<400> 1289

acctcgactc cctgggtgctc tttgcagagt tgggcagtga aattaccttt 50

<210> 1290

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1290

atacacagca cgacgtatcc ttgtaccgac ttctcccggg tcttgtttga 50

<210> 1291

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1291

gtacttagga agacacagct agatggacaa cagcattggg aggcttagcc 50

<210> 1292

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1292

catctctggg tgtgtctgtg ccgactcggg gttgaatcaa atcagggtgtg 50

<210> 1293

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1293

caacaatagg aggtggaatg ctgcaagggg ctgcaaatga gggcaatgca 50

<210> 1294

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1294

atatttcact ttacatccaa acatcacttt ggcttcgaag ccgccgctg 50

<210> 1295

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1295

tggcaaattc tgcgagtgtg ataatttcaa ctgtgataga tccaatggct 50

<210> 1296

<211> 50
<212> DNA
<213> Homo sapiens

<400> 1296
tctcacatgt ccatttgaac cacccaaacc aaaaacaag cataagctgg 50

<210> 1297
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1297
tccaggatgt ctacaaaatt ggtggtattg gtactgttcc tgttgccga 50

<210> 1298
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1298
tggacatagc agcacatact acttcagagt tcatgatgta gatgtctggt 50

<210> 1299
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1299
aacagaagac gaggacacag agcgagaata agcacaactc agacaacaca 50

<210> 1300
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1300
tgaccactta tgcactttct gaatttgctt tccatgctca gagttctgct 50

<210> 1301
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1301
ctttgacccc accttgtgga aaccagctg tctactggca gacattggtg 50

<210> 1302
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1302
aacaccagt ttgcaggaag aaaggaagag aatggaaatt gcttctggaa 50

<210> 1303
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1303
ccctaccatg agccctacaa acaactaacc tgccactaat agttatgtca 50

<210> 1304
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1304
agtcgtatta gagccttggc gtaatcatgg tcatagctgt ttctgtgtg 50

<210> 1305
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1305
ttgtgcctg atctgacata catgatccat cgggttttgt tacaaggaac 50

<210> 1306
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1306
catgttcata ggtaatcttt gtactctgtg tgcagcagta tttggtttgc 50

<210> 1307
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1307
aattgcct atagtgagtc gattaccaat cactgcccgc gtttacaacg 50

<210> 1308
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1308
acaggtaact gaagatcaaa gtaaagcaac agaggaatgt acatctacct 50

<210> 1309
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1309

aacagttggg caccctgaat ggcaaatggc aaatttggag cgctaataat 50

<210> 1310
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1310
gccaatcact ttattgactc ctagccgcag acctcctcat tctaacctga 50

<210> 1311
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1311
atgtgggagg ggcattggcag ctatgaagga cctcctacct ctggtttctg 50

<210> 1312
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1312
catgggacgg ggagaaaaag caaaccttg cacttgggaa tacttatacc 50

<210> 1313
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1313
ttgtgccctt gactgggtat ttcttgaagc ccttggatct acctttggtc 50

<210> 1314
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1314
acataatcag gttgtgagcag cagagaatct acctttccac ttctaagcct 50

<210> 1315
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1315
ccagcctttg cctcttcctt caatgtgggt tccatgggaa tttgcttcag 50

<210> 1316
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1316
aaaacctcga gtcattggtga atgagtgtct cggagttgct cgtgtgtgta 50

<210> 1317
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1317
gtgagcacgg acatgaggca tcatcgagtg agactggtg tccaagattc 50

<210> 1318
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1318
caccacagtc tcagtgcagg gctgggaagt gaaagacgat tcaccagacc 50

<210> 1319
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1319
tttgtgggtg ggtgattagt cgttgctgat gagatatttt gaggggtggg 50

<210> 1320
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1320
accttgtaag tgccctaagaa atgagactac aagctccatt tcagcaggac 50

<210> 1321
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1321
gccgagatct gctcagacta catggcttcc actatagggt tctacagtgt 50

<210> 1322
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1322
aatcagaat tcatttagct caccacatct cttgaatgtg attgacctac 50

<210> 1323
<211> 50

<212> DNA
<213> Homo sapiens

<400> 1323
agtggttttaa cagtgttatt ttgccactgg taatgtgtaa actgtgagtg 50

<210> 1324
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1324
tggagtttcc aggagaaaaa taatcacctt tgaaggtttt tagagcatgt 50

<210> 1325
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1325
ggtaacaaca tccgtctgaa agggctggac ctctgcca aa ggagataggg 50

<210> 1326
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1326
acattttgat ttcttctctc tgtgggtgg caagttgagg gagcattctt 50

<210> 1327
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1327
cgtaaacc aa tgtggtacac tagttggccc gaacttggt aaaaccgctt 50

<210> 1328
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1328
tctttaagtc tgtcaaacca gaactctttg aagcactttg aacaatgccc 50

<210> 1329
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1329
agctggcgta atagcgaaga ggcccgcacc gatcgctttt ccaacaagtg 50

<210> 1330
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1330
agatgcattt taaatgtcta taaatggtgt cataactaga gcacggcgt 50

<210> 1331
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1331
attaaaacgc ttggaagaaa atcccctttt ggcaggtggg ggaaaaagca 50

<210> 1332
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1332
attcaaccaa tagcccttgc cgtaccgcct acccgtaaca ttactggagg 50

<210> 1333
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1333
cgcctatagc actcgaataa ttcttctcac cctaacaggt caacctcgt 50

<210> 1334
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1334
gttgtgcatg attccccacg tgtctctggt tatccagata agaaaagata 50

<210> 1335
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1335
tcttttagga tttgtctttt agaatctcca gtctcacag gaaaaccccc 50

<210> 1336
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1336
tgggtggagt attatgttta actggagtgt tcaagtatga gtcctcagg 50

<210> 1337
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1337
acctcattct gacacctgca tatagtgtgg gaaattgctc tgcatttgac 50

<210> 1338
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1338
gttctggagg acaggaaggg tgaccacag aggattatac caccggggtg 50

<210> 1339
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1339
gccgcagacc tcctcattct aacctgaatc gaaggacaac cagtaagcta 50

<210> 1340
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1340
tgagtcgtat tacaattcac tggccgctgt ttacaacgt cgtgactggg 50

<210> 1341
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1341
taagattatc aaccttgggg tcgttttggg gttcgcggat tgagcacgga 50

<210> 1342
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1342
ctgggctgaa gcctattcct atggggctct ggaatgtttg tgactgaatg 50

<210> 1343
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1343
ttgtccattt ggaacagagt cactataaag aacgggctca actgggcacc 50

<210> 1344
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1344
gcagacatag gcgaagaaaa catggcattg agtgtgctga gtccagacaa 50

<210> 1345
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1345
ctttcccac cccctcccc tccatgtgaa gatttgggtg ctaacatat 50

<210> 1346
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1346
ggcactgcct ccttacctgt gaggaatgca aaataaagca tggattaagt 50

<210> 1347
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1347
aaaccacacc aggaactcct tgcattggcaa aagctgaaca gtacaaatcc 50

<210> 1348
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1348
acacagtcat ccccatgcag aaacctcaga aaacaccaat gtattacaca 50

<210> 1349
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1349
gtctgaacga gactcaattc ctctccgagg ctccccaaac aaattgtagc 50

<210> 1350
<211> 50
<212> DNA

<213> Homo sapiens

<400> 1350

gtgcagtcca tcagatccaa gcctgtctct tgaggaacaa ccgcgcagac 50

<210> 1351

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1351

gaccaggct atggatgagg ctgactatta ctgtcaggcg tgggacagca 50

<210> 1352

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1352

tggtggcaaa tctgattttt ggaaacgagt attggaggac tataaaacaa 50

<210> 1353

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1353

acatttcttg ttggcactac agcaaccaca tacagtacag acaacctcca 50

<210> 1354

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1354

tgggataaag gtgtgtcggg ttagcacctc tggaagacct atctagagct 50

<210> 1355

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1355

cctggcacat gttgtctgga gtctggcaca ctggttatca atagcacatt 50

<210> 1356

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1356

gcatgttctc accgtgaagg agagtgatgc agggagatac tactgtgcag 50

<210> 1357

<211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1357
 aaagtgggtg gaagacttcc tggcgcagga ggctcactcc gatttaaggt 50

 <210> 1358
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1358
 ctgtggtctg ttatatgaga gagatccttt aactagagca aagagggagt 50

 <210> 1359
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1359
 gcttgctggt ccttagaatt ttgccttgta agttctagct caagttgggg 50

 <210> 1360
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1360
 tttctcagag ctggaggttg ctgggcacct aatgatggt tcatgatagc 50

 <210> 1361
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1361
 ctttttgtaa gttacaacat tccactggat ccttatattg cctgtagtgg 50

 <210> 1362
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1362
 ctcacatctatg tcttctaaag cttttctgca ttcttcacc tgggattcaa 50

 <210> 1363
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1363
 ctgtctttgg aaggagacac aagaacctga taacattggt tgtcttcggg 50

<210> 1364
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1364
aaacaagaac ccacttaaac acagcatcaa actctaccat gaaatgaaga 50

<210> 1365
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1365
ttcttctcgg tcatattcct cttttgattt tctaagaact tccctcagga 50

<210> 1366
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1366
acacaagata ctgccacttt ctctacacaa agaccacccc aaacaccagc 50

<210> 1367
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1367
ctttctcagg aagtggctct gccaggcagg actatgtggg aaagggtttt 50

<210> 1368
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1368
attacatgct aactcaaact tacaaaatca agctctctgt gatcctggtt 50

<210> 1369
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1369
gattaaaggc ttccatcgat tgggtagtgt ccttcaagtg ggtggcgaag 50

<210> 1370
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1370

tgtattaaca ggcttattgc tatgcagga aatagaagg gcattacaaa 50

<210> 1371
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1371
tggatggatgg atggaaacac atacctccta attaacctgt tggatggaaac 50

<210> 1372
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1372
gccttgagatg gtgacatttc tgcgagaatg cttaaatacc gatttcccgc 50

<210> 1373
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1373
aggagatcgt ttaccaatt cactggcccg tgttttacaa acgtctgact 50

<210> 1374
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1374
tggagagctt gggacaaggt cagaatgaaa acataccagt caatcctgct 50

<210> 1375
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1375
acctgtgctc ttggatacc taatggcaca ttaagttgt atttgacagt 50

<210> 1376
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1376
aggctgggca caaaggagaa aggaggacat ggaaaatccg acaattcgaa 50

<210> 1377
<211> 51
<212> DNA
<213> Homo sapiens

<400> 1377
 atctcaaatc cttgagcact cagtctagtg aagatgttgt cattatgtac a 51

<210> 1378
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1378
 gggatcatagg ttcattgggtt tggtagagaat tgggctcct ggtttctggt 50

<210> 1379
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1379
 gccttctttc tgctgactgg gggctttcat ttaaaaggag tctttttaat 50

<210> 1380
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1380
 tgtaaacagt ggcaggagcg tggacttaaa acaaggcttg cttatttggg 50

<210> 1381
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1381
 gccctttggg ttaagccttt acattcatga agaccctcc aggttagaat 50

<210> 1382
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1382
 aaaaggaaaa cgaaaaagga aaaggtggcc aatgtggaaa agtttcaat 50

<210> 1383
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1383
 actctcagga gccatgaaag ctgcacagtt actttatata ccacaggca 50

<210> 1384
 <211> 50

<212> DNA
<213> Homo sapiens

<400> 1384
ttatgtcacc agaatggttg ccaacacccc gaaaaggaac cagaggactt 50

<210> 1385
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1385
aggttatttg agcacagtga aagcagagta ctatggttgg ccaacacagg 50

<210> 1386
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1386
ggcctgcat ccgagggact gtggtgtaga ttgtgatcaa ggttgattgg 50

<210> 1387
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1387
acaggtagtt gaataattgt ttcaagagct caacagatga caagcttctt 50

<210> 1388
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1388
aatacacttt gtgccaaggg aagaacactg catgccctgg gtcttcagtc 50

<210> 1389
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1389
gggaactgga ggtgagaagc attataatag cctctctgcc tttatctaca 50

<210> 1390
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1390
acaagccaaa gtggcatggt ttgtgcattt gtaaagtctg tgttgggtag 50

<210> 1391
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1391
 aacagactgt cgtagaaaac tgtctttgct tccaaatcag cagaggacca 50

<210> 1392
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1392
 gccctcaga agagccaaac tttgagtttt atgtctgttt gtcattgata 50

<210> 1393
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1393
 ccttgtgtcc aacgggaata ggaagaatta gttactgact tcacctgaga 50

<210> 1394
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1394
 cccacaattg gactgatagg gggagaaaat ccaaagagac ggagcaactg 50

<210> 1395
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1395
 aacggcaact gggagatttg tgagtgaaca ctgtttcatc ttaatatgct 50

<210> 1396
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1396
 acatctgaga aaccctgaat cctgcaatca agtagaagtc aacttcatct 50

<210> 1397
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1397
 gccataggaa ggttaccag tagaatcctt gctaggttga tgtgggcat 50

<210> 1398
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1398
 tcactctcaac ttagtattat acccacaccc acccaagaac agggtttggt 50

 <210> 1399
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1399
 gactgaaaga tttagccata atgtaaactg cctcaaattg gactttgggc 50

 <210> 1400
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1400
 ggcactgtct gtgtccttcc ttgaactgtc taccctggtg cttttcacia 50

 <210> 1401
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1401
 ggccagccga ggctacaaaa actaacctg gatcctactc tcttattaaa 50

 <210> 1402
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1402
 actaggttgc aatatgtgaa atcagaggac caaagtacag atggaaacca 50

 <210> 1403
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1403
 ccctgtctga ctacaacatc cagaaagagt ccactctgca cttggctctg 50

 <210> 1404
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1404
ggcatcgccc atgctcctca cctgtatttt gtaatcagaa ataaattgct 50

<210> 1405
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1405
aaagcaacga aaggaacgca agaacagaat gaagaaagtc agggggactg 50

<210> 1406
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1406
tcccactttg tctgtacata ctggcctctg tgattacata gatcagccat 50

<210> 1407
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1407
gaagcggctg gcaactgaag gctggaacac ttgctactgg ataatcgtag 50

<210> 1408
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1408
cagtcacgtc agttatgtag atactgcatg gcaggagagc tttacgctaa 50

<210> 1409
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1409
gccaccctc acacagcaa accccagatc atctgaaact actaactttg 50

<210> 1410
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1410
gcaggtgacc attggcacac gctagaagtt tatggcagag ctttacaat 50

<210> 1411
<211> 50
<212> DNA

<213> Homo sapiens

<400> 1411

tgccatgctg ctaggaaatt gtcctttttc tttctagctg ttaacctact 50

<210> 1412

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1412

aacttattcc agtgttgatc gcaagctggt gatgcacagg cgtcttggtg 50

<210> 1413

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1413

tgaaaaggat taaagctggt attctagaac atgcccttca ctggttgtgt 50

<210> 1414

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1414

ggtaaggttt ctaggaggtc tgtaggtgt acatcctgca gcttattggc 50

<210> 1415

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1415

tgattctgta aagctgtgga atgaagctgc agatttagag aacattggct 50

<210> 1416

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1416

cgattttaca cggctgggta gaattttagt aaaagatcca cagggaagc 50

<210> 1417

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1417

gctactactt cattgcaacc tttattactg accacatcag acatcatgct 50

<210> 1418

<211> 50
<212> DNA
<213> Homo sapiens

<400> 1418
gggctgaagt acctaagtgt gaatgtctct cccgttaaac tgagtgtaga 50

<210> 1419
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1419
aggaaaacgg ttcaccagtg tttagtttta tattgaggtg ctcaggttgg 50

<210> 1420
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1420
ccgggccttg catataaata acggagcata cagtgagcac atctagctga 50

<210> 1421
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1421
ataatgaaag ctaagcctcg ggctaatttc cccatagccg tggggtgact 50

<210> 1422
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1422
tgcacgtaa aaccttcaga aggaaaggag aatgttttgt ggaccacttt 50

<210> 1423
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1423
tgctctgttc tggtttctgt tttcaaatca aatgctgtt tgggaggaga 50

<210> 1424
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1424
caaaatccca aaaccagggc caaggagtgg acgcttctct tgtgagccag 50

<210> 1425
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1425
acaaatttct tggctggatt tgaagcttaa actcctgtgg attcacatca 50

<210> 1426
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1426
tccacggttg tgccttattg ttccattaaa attgtatcctt cgatccatca 50

<210> 1427
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1427
ggtctgagag tctgtgaaga tggcccagtc ttctatcccc cacctaaaaa 50

<210> 1428
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1428
acacacagga gggaaaatcc tgggattcctt tttctagggga tgtaatacat 50

<210> 1429
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1429
ctgtttgaac tgttgagttt ccggttgctgg ctgagtgcgt tttgtccttc 50

<210> 1430
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1430
ggtctgagag tctgtgaaga tggcccagtc ttctatcccc cacctaaaaa 50

<210> 1431
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1431

ggtacagaga agccagcttg tttacatgct tattccatga ctgcttgccc 50

<210> 1432
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1432
 ggtacagaga agccagcttg tttacatgct tattccatga ctgcttgccc 50

<210> 1433
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1433
 gggagaatga atgtgcaacg tggctgaaat ctatthttgtg taataaaagg 50

<210> 1434
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1434
 ccccaccacc ccattaccac agctgccttt gtgtgthttgt gtcaataaaa 50

<210> 1435
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1435
 ccagcaagat aatgtcctgt cttctaagat gtgcatcaag cctggtacat 50

<210> 1436
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1436
 ccaacttgag atgtatgaag gctthttggtc tccctgggag tgggtggagg 50

<210> 1437
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1437
 gctactagag agcaaggggc thttcttacca ccagtgotga ggagaaaagt 50

<210> 1438
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1438
accaagaaac cagcccctga aaagaagcct gcagagaaga aacctactac 50

<210> 1439
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1439
tttctcatc tatgaattgt cattcacaca cctacttttc tgcttcgttt 50

<210> 1440
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1440
tttctcatc tatgaattgt cattcacaca cctacttttc tgcttcgttt 50

<210> 1441
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1441
aataatgaca aatgccctgc acctaccac atgcactcgt gtgagacaag 50

<210> 1442
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1442
gtgcccctgt gggcccagg gaggtcttaa acaaggattt tttcaactta 50

<210> 1443
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1443
cagtgaagac gtcaggggca aggtctcggg ggtccggaag ggtgatcatc 50

<210> 1444
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1444
tgcaagggag acatataccta gatcactttg ctttttcttt aaggagctga 50

<210> 1445
<211> 50

<212> DNA
<213> Homo sapiens

<400> 1445
tgcacgtaa aaccttcaga aggaaaggag aatgttttgt ggaccacttt 50

<210> 1446
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1446
ttgggggagg ttagggactt atcctgtgct tgtaaataaa taaggtcatg 50

<210> 1447
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1447
acttgctgc catagcataa caatgaagtg actgaaaaat ccagaatttc 50

<210> 1448
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1448
aaaatattaa acacaaacta ccacctacct ccctcaccaa agcccataaa 50

<210> 1449
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1449
agctgtttgg taaccatagt ttcacttggt caaagctgtg taatcgtggg 50

<210> 1450
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1450
agctgtttgg taaccatagt ttcacttggt caaagctgtg taatcgtggg 50

<210> 1451
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1451
tgtgccttt tagaaggaga aacttaagtg tggaatgcat tatatgggca 50

<210> 1452
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1452
 tccttggcag ctgtattctg gactctggat gttgctctct aaagaccttt 50

<210> 1453
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1453
 tttggagtgg aggcattggt ttaagaaaa acatgtcatg taggttgtct 50

<210> 1454
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1454
 tggctgggac gctagaaggg tcatgtgta actataatca catttatggt 50

<210> 1455
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1455
 attctggtta accgctcaca tgcataaaa taatgctaga aattcaggaa 50

<210> 1456
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1456
 tgctgatttc tagtgtatac tctgtagtct cagttcgtgt ttgattccat 50

<210> 1457
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1457
 aatgaatct ttcaaaggt tcccaaacca ctcttatga tccagtgata 50

<210> 1458
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1458
 tccttggcag ctgtattctg gactctggat gttgctctct aaagaccttt 50

<210> 1459
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1459
tgcgtgtgcc tcagtttcct cctccacaac tgaatattta tagtggctga 50

<210> 1460
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1460
gggatgtgga ggatttttgt taagtgtcaa tcgaagttaa aaagcaaggg 50

<210> 1461
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1461
agctctctgc acccttacc cttccacct tttgtattta attttaaagt 50

<210> 1462
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1462
ccctccagcc aataggcagc tttcttaact atcctaacaa gccttgacc 50

<210> 1463
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1463
cgtggttgtg ggaggggaaa gaggaaacag agctagtcag atgtgaattg 50

<210> 1464
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1464
acaatgtgtt agcagaaacc agtgggttat aatgtagaat gatgtgcttt 50

<210> 1465
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1465
gctagatccc cgggtggtttt gtgctcaaaa taaaaagcct cagtgaccca 50

<210> 1466
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1466
acaaatttct tggctggatt tgaagcttaa actcctgtgg attcacatca 50

<210> 1467
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1467
gctgtgggtg gttgcattac atgacacaga aaactgtcct ctacctcagc 50

<210> 1468
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1468
gccctggtag gtccttttag aaggaccatt tctgttcta gagcttaact 50

<210> 1469
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1469
ggcatcgccc atgctcctca cctgtatttt gtaatcagaa ataaattgct 50

<210> 1470
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1470
tttccctctc ctgtccttgt gttgaaggca gtaaactaag ggtgtcaagc 50

<210> 1471
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1471
agactggaaa tggggatgag ggtgtaaatt gtattgaaaa agatcgcgaa 50

<210> 1472
<211> 50
<212> DNA

<213> Homo sapiens

<400> 1472
ccatgagttg tttggttttc cagaagctgc cagtgggttc ccgtgaattg 50

<210> 1473
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1473
gatagatga gatccgccgt cactgggggtg gcaatgtcct ggtcctaag 50

<210> 1474
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1474
agtctttctg gtttctggag ataaccatc aataaagctg cttcctctgg 50

<210> 1475
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1475
cgatgatggt tacccttcat ggacgtctta atcttccaca cacatccct 50

<210> 1476
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1476
ggcccctgga catgtacctg cagaataata aagtcacaa tacctaaaa 50

<210> 1477
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1477
gcaaacctgc agattcccaa gatgttcacg agcttgtgct ttctaaagaa 50

<210> 1478
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1478
tccccattgt gccgccttta tcaattgcct gttttgtttt gtttgtttt 50

<210> 1479

<211> 50
<212> DNA
<213> Homo sapiens

<400> 1479
ctttagctgc tgttgctcc ctctcaggc tgggtctgga tccttcctag 50

<210> 1480
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1480
ctgcttatgg cacatttgc ctcaaaatcc attccaagtt gtatatttgt 50

<210> 1481
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1481
ctgcttctgg gtgcatgga gactttgtgg catttgatac aactggaca 50

<210> 1482
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1482
cttatagtat ttatccaccc aaacccaga ctgagatact gctcccaggg 50

<210> 1483
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1483
gagagaccag cctttcttcc tttggttagga atggcctgag ttggcgttgt 50

<210> 1484
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1484
cagaggtggg agtaactgct ggtagtgct tctttggttg tgttgctcag 50

<210> 1485
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1485
ctgtgtgcc cagctgcatc agccagcttc taggtggctc cattgttttc 50

<210> 1486
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1486
agagcagaat agcaatataa gagcacagac gaacatagac acgacagcga 50

<210> 1487
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1487
ctattaggac ccagtgatta tgctaccttg gcacggttag ggtactgcgg 50

<210> 1488
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1488
aaagaagcat gcacacttat cacaaacaac tctctcaggt ggccagtctg 50

<210> 1489
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1489
tgctgcctat atgaagtctt tgagaaagcc cctcttggag tctgtgcctt 50

<210> 1490
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1490
gatatacgag gacaaaacc atctaccagg cagctaaca accgcccga 50

<210> 1491
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1491
gccactttat tagtaatggt cgatagtccg aatcgatggc tagggtgact 50

<210> 1492
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1492

taatctggcg gggtatacc cctgtttctc cggattatat ttcgggacac 50

<210> 1493
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1493
 gctggatttg tgggtatggg ggcggttttt ggcgaagggt tggttgttac 50

<210> 1494
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1494
 ccacatcatc gggggcgaaa tagaagccca gagagaggct aggtgtagga 50

<210> 1495
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1495
 agggagactc tcagccttca gcttctctaaa ttctgtgtct gtgactttcg 50

<210> 1496
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1496
 ttgtcaagct gctgctgtct tcaagatcta cctggtcaga atctcctgct 50

<210> 1497
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1497
 ggccagtctc tatgtgtctt aatcccttgt ccttcattaa aagcaaaact 50

<210> 1498
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1498
 tctctcacat tctgtctttc cctctctctc tcacettccc tccgtccctc 50

<210> 1499
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1499
acacgagact atagagaatg cagcacacag atgagagcag agcaaataga 50

<210> 1500
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1500
gcatccagat ggtggtttac tctgcaacag tctaattgtt ttcacttcca 50

<210> 1501
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1501
ggggttttca ccctacctaa agatgcttta attgctgttt tccaaattgt 50

<210> 1502
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1502
atgcctaaca agcaacatga tcctataaat ccacccaag ccaatctggt 50

<210> 1503
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1503
ccaccatctg gtacgttttt acttcctcac ccgcgtgtac tccgattacc 50

<210> 1504
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1504
gagtataattc ccccagttat ttgctcttcc ccacacaggg tggtagtacc 50

<210> 1505
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1505
caaaggaagg ggcgtgaagg ggtgagaaaa atatgggacc caaattgtgg 50

<210> 1506
<211> 50

<212> DNA
<213> Homo sapiens

<400> 1506
tttccttaca ggcggtaaca ccggtccaca cagttcttgc caaaacaaag 50

<210> 1507
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1507
aattttctct cacctcatca ctgaggacct ccccagtgat aataaccgg 50

<210> 1508
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1508
gcgggtgtaa ggggatatct tgataaactg gagcccagga agattacaaa 50

<210> 1509
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1509
acgccgacaa tcaagaaaat gtgagttata acggacaagg ttgtattatg 50

<210> 1510
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1510
gatattggtg gtaaaggggt tacctgtgaa cttccaaaat tccttggggc 50

<210> 1511
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1511
taaagatgtc cgggtacact tcgccaaggg ttagcgtctt tgggcatttc 50

<210> 1512
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1512
tcctaatttc ttctgtgaac cttctcaaat ccccagcat gcgtgtagtg 50

<210> 1513
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1513
ctgcatgatg tcatcaacct gctgtagtgc ggaaacgacc acaacacaca 50

<210> 1514
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1514
aaagacgaac gagacacgaa agcaacgaac gaacacagag cacgccgcac 50

<210> 1515
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1515
tttcaacag catcccttat gggcgaactg tcctcaaaca acaacaagtg 50

<210> 1516
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1516
taggacgaga aacgaagaag gacagagcga gaacaagtaa gcagggacac 50

<210> 1517
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1517
ggtggagaat caaacgacc ccgcaaataa acatggcgat ttggcttggg 50

<210> 1518
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1518
tggcctttta aataactggg cttctcacia ccatagtga cagaaacagc 50

<210> 1519
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1519
attgtgacat ggtgatgcct cattgctgat atggtcctgt gggtatgtgc 50

<210> 1520
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1520
ggaagagata acaccacaac gaaagagcag gcaagagaga ccaaagcaca 50

<210> 1521
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1521
ggtaaaaggc gttactctcc gccctottca aggaacggcc aagagtataa 50

<210> 1522
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1522
accaagggt ctcgccagt gggtaagtc acaatattac tacacaaggg 50

<210> 1523
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1523
acagtacaca atcacctgca agggacatag cacacaaacc gctaaagagg 50

<210> 1524
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1524
tctcacagcg agaggaggag acgggatgac cgagaggtag acgattatac 50

<210> 1525
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1525
cgctggtggt gtccccaagt gatttattct actggagtgc ctggtgtott 50

<210> 1526
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1526
ttccggcttt taacaaacac acaccacact aacacaacaa cacaaacaaa 50

<210> 1527
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1527
aagacttgcc tctttaaaat tgctttggtt tctgcagtac tatctgtggt 50

<210> 1528
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1528
gaactcgtcc actcttctcg ggccactatt ctggttcagg gaatcttggg 50

<210> 1529
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1529
agcaataaac cgaagcagct agacagcgaa gaagtacagc aaagagacga 50

<210> 1530
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1530
cgcccatact agagaagttt gccctctatt gtctctcaca ccacaatgag 50

<210> 1531
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1531
cacagacatc cacggacaca aaaggcgggg accaccacca caatgaacac 50

<210> 1532
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1532
gcgtcgattg atatcagaca gcatcgtctc tgcgagcaca aagatctggt 50

<210> 1533
<211> 50
<212> DNA

<213> Homo sapiens

<400> 1533
ggaacagggg taatggccag gccctttgcc gccctttta aagggaatcc 50

<210> 1534
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1534
acagagtaac atgggatatg ggtatgagtg ggatgtgctg agaaggaact 50

<210> 1535
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1535
gggggcaaag aaagtacatt gggtgaaaat ttaaaaaggt atggagcatt 50

<210> 1536
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1536
caaacgaaca gcgaagacaa caactcacga tgctgcacaa cgcgaccaac 50

<210> 1537
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1537
acatthtata aggcatttgt gttagccact cagtcattctt tgggtgctgc 50

<210> 1538
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1538
gtcacagcaa cgtgtcgctc cccagatcat ttattagcgt cgattgttgt 50

<210> 1539
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1539
attccaaacg ggatctgctg agacctcaca gaggtgggcc gcgattataa 50

<210> 1540

<211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1540
 cctaggggtga aacacgtgac agaagaataa agactattga atagtcctct 50

 <210> 1541
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1541
 ccagcctttg cctcttcctt caatgtgggt tccatgggaa ttgcttcag 50

 <210> 1542
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1542
 ccccttggtt actctgtctg tatgtatgtc aaaagcgtgg caaacctct 50

 <210> 1543
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1543
 catgatctca gaggaaactg togctgaccc tggacatggg tacgtttgac 50

 <210> 1544
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1544
 cctctacctg cagacaata cataatgacc caccaatcac atgcctatca 50

 <210> 1545
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1545
 atttgaagc gccaccctag caaatatata accattaaa ccttcctct 50

 <210> 1546
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1546
 tttaccaatg attttcaggt gacctgggct aagtcattta aactgggtct 50

<210> 1547
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1547
agtttacata tcgacagcat atccactgat ttctaatgg gctggtccca 50

<210> 1548
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1548
atctggagtg ggacccttca aaccatgtct gtgcttatgc gggaaacaat 50

<210> 1549
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1549
gcggagagaa gaagaggtag atatgagaac agtgtgtggt atatgatagt 50

<210> 1550
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1550
gaaatccac cggcaagtta aggtcacgga gcaagtgaat aaacgcggag 50

<210> 1551
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1551
gtgatcaaac aaattcacag cacagacacc gcgcaacaac gcaacttctc 50

<210> 1552
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1552
ggattttgtg ttgttgagta ttgtgtctgg gtgtgggtat ttgattcttt 50

<210> 1553
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1553

gggttcgtcc agggctgcgc taaattatcc tcaatgattt gtctctttgc 50

<210> 1554
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1554
caatgacgca gtcggaccct cggatccaag tcctgctttg ggtgtggacc 50

<210> 1555
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1555
gggttataat agatggacgg gtctttcacg gtggtgacag caccctttcc 50

<210> 1556
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1556
tccgctgcaa tttgagtta gctttacaga ttgtgccggg tgtttaaact 50

<210> 1557
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1557
ctccttccca aagacttgag tggaacttcc ctttcatgtg cgtatcggtc 50

<210> 1558
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1558
aaattagtcg ccttcgtcga gagtgccctt ctgatgaatg tggctgtggg 50

<210> 1559
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1559
gacagtactc ctaagacccc tgtgtgtgtc ccgatgagat catgactggg 50

<210> 1560
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1560
catgcccatc gtcctagaat taattcccct aaaaatcttt gaaatagggc 50

<210> 1561
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1561
ggcgtatcat caactggtga gcccgaaggg atattatttc taaggcctct 50

<210> 1562
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1562
ccagaatcgt aagggggctg acggaggatg agagggggca ccagagatc 50

<210> 1563
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1563
cgggtgtttc tgatcggttt ttgttttctg cttacatatg atgtacttgt 50

<210> 1564
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1564
acagaatgca gcggtgcaac accggcaagg ttccacacgc cacaagaaa 50

<210> 1565
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1565
tggaagtgaa gtctatgatg tgaaacactt tgcctcctgt gtactgtgtc 50

<210> 1566
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1566
ccaaaaagct tcatttttct atataggctg cacaagagcc ttgattgaag 50

<210> 1567
<211> 50

<212> DNA
<213> Homo sapiens

<400> 1567
tcacaagaca gtcacagaaa ccagtaaata tccgtctgcc agttcgatca 50

<210> 1568
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1568
tcacaagaca gtcacagaaa ccagtaaata tccgtctgcc agttcgatca 50

<210> 1569
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1569
gctgtcattt gtacatttaa agcagctggt ttggggctctg tgagagtaca 50

<210> 1570
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1570
tatcctgagt cccttaattct tatggggccg gaaggaatgt cagggccagg 50

<210> 1571
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1571
ctctgccttc ggagggaaat tgtaaactct gtgtttcatt acttgaatgt 50

<210> 1572
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1572
aaactcctgc ttaaggtggt ctaattttct gtgagcacac taaaagcgaa 50

<210> 1573
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1573
gggtgcacgt tcctcctggt tccttcgctt gtgtttctgt acttacaaa 50

<210> 1574
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1574
 gggggttgga ggaagtgtct actaggaggg tgggtgagat ctgtgttgat 50

<210> 1575
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1575
 atctaccctc cgattgttcc tgaaccgatg agaaataaag tttctgttga 50

<210> 1576
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1576
 aagtcttatg ccaaattcag tgctactcct cgttacatga catacaactg 50

<210> 1577
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1577
 cacacggagg catctgcacc ctcgatgaag cccaataaac ctcttttctc 50

<210> 1578
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1578
 acaacgtcgt gactgggaaa accctggcgt taccacaactt aatcgcttg 50

<210> 1579
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1579
 ccaagcctcc aagtgggaag aaagactggg atgatgacca aatgattga 50

<210> 1580
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1580
 caactacttg tggcatgcat tggcactcgg aataaagcgc actattgtca 50

<210> 1581
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1581
 gaaggggtag ggtccacat actggtaatt ggggtactct gtatatgtgt . 50

 <210> 1582
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1582
 gctcagttcc atatttcac cgtgaaaaac ttgcaatagc agcagtttca 50

 <210> 1583
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1583
 aattgtcatt tacctgggta tgaattccct gacacacatt catgtcaaca 50

 <210> 1584
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1584
 gtgacttgac tgtggaagat gatggttgca tgtttctagt ttgtatatgt 50

 <210> 1585
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1585
 cagtgctgta atacagacgg caatgcaata gcctatttaa agaactacgt 50

 <210> 1586
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1586
 agctgggtgga tgggtgacttt tgaagaacaa aaggctttgg caacagaaaa 50

 <210> 1587
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1587
tctgttgatca ctaaagacta aatgaggggtt tgcagttggg aaagaggtca 50

<210> 1588
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1588
gcgaggtga ccaaaataat atctgaggat gattgctttt cctgctgcc 50

<210> 1589
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1589
catcttgaac ttggcctgag aacattttct ggaagaggt aagggtgaca 50

<210> 1590
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1590
tctgtggaat ctccttcatt ggcattgtta ttaatacata aacggggcag 50

<210> 1591
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1591
tgtactgttc atgctgacac agatatttca gtctgcatgg taaaagttct 50

<210> 1592
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1592
taatgggggtt tatatggact ttcttctcat aaatggcctg cctctcct 50

<210> 1593
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1593
accaagaac cagcccctga aaagaagcct gcagagaaga aacctactac 50

<210> 1594
<211> 50
<212> DNA

<213> Homo sapiens
 <400> 1594
 agtcctgtgt gcttccctct cttatgactg tgcacctggt tgcataataa 50

<210> 1595
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1595
 acccaccacc tcttgactc tcgcttttgg agcaagttgc attaactatt 50

<210> 1596
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1596
 tgacagttgc agaattgtgg agtgttttta cattgatcct ttgctaatac 50

<210> 1597
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1597
 atgacagaca cacgtatcta acaaacaaac aacacgtgac cttctccatg 50

<210> 1598
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1598
 gcaagggata atacaaatcc tatgatctct atgccaata tgctgctca 50

<210> 1599
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1599
 agtacttttc acagcgtggc ctttcacat aattttatat ttctcccct 50

<210> 1600
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1600
 tcttaagagc cagagccata taagcatcct gggaaagcaa gtttgaacca 50

<210> 1601

<211> 50
<212> DNA
<213> Homo sapiens

<400> 1601
aagccggtca tgagattata tgggtaaag ttaattgact aacaacccca 50

<210> 1602
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1602
agggggctgt gtctgatctt ggtggtcaaa acagaactgt atttttgctt 50

<210> 1603
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1603
gttcatagct tcttgcaact tgacagagcc tgagtttgcc tcttagtggg 50

<210> 1604
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1604
catatgggag aagggggagt aatgacttgt acaaacagta tttctggtgt 50

<210> 1605
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1605
acatgtgatg tttgactgta ccattgactg ttatggaagt tcagcgttgt 50

<210> 1606
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1606
tcttgctttt attcctttt gttggtggcc ttgtgctgcg tttgtttaca 50

<210> 1607
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1607
agtgttgttt tctcctcttt aatattgctg tgaacagtgg tgcccattgt 50

<210> 1608
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1608
aattcttgty tgctgcttc catttgacac cgcagttctg ttcagccatc 50

<210> 1609
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1609
gagggtctc catctctgcc tcaacttcat ggtgcactga gctgtaactt 50

<210> 1610
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1610
tgaacctcca acaggaagg ctctgtccag aaaggattga atgtgaaacg 50

<210> 1611
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1611
tattttcttc cattcttgct attggtcaat aggggagggg agattagctg 50

<210> 1612
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1612
tcccctgctt ccactaaatc cagttgtgac aaaatctaac gtgacatcag 50

<210> 1613
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1613
acctggtcaa cttagctttt aagcagacga tgctgtaaaa actaacggct 50

<210> 1614
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1614

acctgggatg cccctgctct ggacctctca tttctcttca ttggtttatt 50

<210> 1615
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1615
 atctatcctt gccagccttg ggcacacat ttaccagttt aatagattgt 50

<210> 1616
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1616
 gccctgatct ggagttacct gaggccatag ctgccctatt cacttctaag 50

<210> 1617
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1617
 cttgaccaa cccacagcct gtctcttctc ttgtttagtt acttacggca 50

<210> 1618
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1618
 ccttagaaga ggaagcaaag gcagattcag ggaccaaag gattaatgat 50

<210> 1619
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1619
 atgtgtcaac caccatttca gctattaataa actcctgtta tctccttggt 50

<210> 1620
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1620
 agccaccaga gccttctctt ctttgtagca cagtttcttc tgtaaatacca 50

<210> 1621
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1621
acatgaaata tagttgcata tatggacacc gacttgggag gacaggtcct 50

<210> 1622
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1622
ctttccagcc tcttgctggg ctctctcttc ctaccctcct tccacatgta 50

<210> 1623
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1623
agatagccag cctagaggta tggctgtaac tatctctgtg aagtgtgaga 50

<210> 1624
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1624
tggcatcctc aggggttgtg atccagctcc atatattggt taccttcaaa 50

<210> 1625
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1625
catgaggaga gtgctagttc atgtgttctc cattcttgtg agcatcctaa 50

<210> 1626
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1626
cagcaaatcc atctgaactg tggaggagaa gctctcttta ctgagggtgc 50

<210> 1627
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1627
tcagcataaa ctggaatgta gtgtcagagg atactgtggc ttgttttgtt 50

<210> 1628
<211> 50

<212> DNA
 <213> Homo sapiens

 <400> 1628
 tggtgaaaca aaaccagtca ttagaatgg tctgtgcttt tattttcca 50

 <210> 1629
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1629
 actatgcttt attggccca tgttttgtgc aattttaag agatggcttt 50

 <210> 1630
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1630
 aaagatgaac tatttggctc cattgaagcc aacacagaac ttgctgctgt 50

 <210> 1631
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1631
 ggagcccctc tttctccat gctgcactta ctccttttgc taataaaagt 50

 <210> 1632
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1632
 ccttccatgt cccacccac tcccaccaa aagtacaaa tcaggatgtt 50

 <210> 1633
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1633
 tgatggtaac cataatggaa gagattctgg ctagtgtcta tcagaggtga 50

 <210> 1634
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1634
 gtctggtgg tatcttcaat agccactaac cctgctggt acagtatggg 50

<210> 1635
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1635
cccagctctg ctgcccttgt tttgctgcat gttaaataaa accattttca 50

<210> 1636
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1636
cccacactgc tacacttctg atcccctttg gttttactac ccaaacttaa 50

<210> 1637
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1637
ctgtaatacc tcctcctaac caagccggat atggtatggc aagttaccaa 50

<210> 1638
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1638
cccttgtaag ggaattctgg ggcagctatg gtttgagtat gcagtttgca 50

<210> 1639
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1639
acaatctctg tccagcacct cttggttaaa taatgtatgc tgtgagacat 50

<210> 1640
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1640
acagggcctc agcaagggag ccatacattt ttgtaacatt ttgatatggt 50

<210> 1641
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1641
ttgactgtcg atggattgtg gtgtggtgta tctgaaggct attgaatgca 50

<210> 1642
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1642
ttctgttcca aacaagtatt ctgtagatcc aaatggatta ccagtgtgct 50

<210> 1643
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1643
atcttcagaa tcagtttagt tctcactgc aagaataaa atgtcaggca 50

<210> 1644
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1644
tgaaccttac tgcaaaaact tgtgatgtaa gaaatttcta tgggtggca 50

<210> 1645
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1645
gctgtctcaa gggatccgt acctcaatgt cagttacatt cagcagaaaa 50

<210> 1646
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1646
ttggtcagat ttagaagcat tcatgctcac aagttttggg aaagtgaaaa 50

<210> 1647
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1647
ccctaaaggc aagaagaaaa agtaaaagac cttggctcat agaaagtcac 50

<210> 1648
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1648
gtgtgtgcat ggaagatgcc tgggctgtct ttgctatatg taaatagagc 50

<210> 1649
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1649
gccttggcctt tatttgcagg ctactaaagc tgcttttact ttgtaacttt 50

<210> 1650
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1650
acagtttggc tacaggactt ctgtgcattg taaacataaa cagcatggaa 50

<210> 1651
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1651
tgtgaaagtg tggaatggaa gaaatgtcga tcctgttgta actgattgtg 50

<210> 1652
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1652
acaaccaacc agtttctttt ctagccaatc atctctgaag agttgctggt 50

<210> 1653
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1653
gaactccctg attctatacc ctcttccttc tttctgcaag gcagaggaat 50

<210> 1654
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1654
caccctcagc tccaccctca gcagatgata atatcaagac acctgccgag 50

<210> 1655
<211> 50
<212> DNA

<213> Homo sapiens

<400> 1655
ttggccctca ggtttactgt gtaaactctgc atttttggtg gtaaaccct 50

<210> 1656
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1656
gcatttccat agcactgaag taccagtttc cattcctggg ctgagattgt 50

<210> 1657
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1657
ctccttttaa cgtgttattg acaaacctcc ccaaagaat atgcaattgt 50

<210> 1658
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1658
aacattcagt tgagaccata tgcattttct gtgctgtttg tacttgaggt 50

<210> 1659
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1659
ttaaccctca gagaactctg cattttaggg tacttgaggc tgacttaact 50

<210> 1660
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1660
agcgacctct tctctagtc ggtgttacga acagaagttc tgagttgtgc 50

<210> 1661
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1661
taaagtgcgg tccaggccct gtgcacctta ccccagagac agactctttt 50

<210> 1662

<211> 50
<212> DNA
<213> Homo sapiens

<400> 1662
ataaggctgt aaaatgagaa ttctgcccc tcacctctta cccagtact 50

<210> 1663
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1663
aaaagtcggg gatcggggca agagaggctg agtacggatg ggaaactatt 50

<210> 1664
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1664
gagcaccag agggattttt cagtgggaag cattacactt tgctaaatca 50

<210> 1665
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1665
tgattagtg acgagttgac attgagattg tccttttccc ctgatcaaaa 50

<210> 1666
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1666
tgtatgtatg ggagtgagga gtttcagggc cattgcaaac atagctgtgc 50

<210> 1667
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1667
acagagttat ccactttaca acggagacac agttctggaa cattgaaact 50

<210> 1668
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1668
atacgggaca ataaaatctg ccttttgctc tggagggaga tactacctct 50

<210> 1669
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1669
gggcaacaa ctttaggaat actagttact cacttaacat ggagggcggg 50

<210> 1670
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1670
aaaggccgcg cagattgttt aattctggaa agtcaatccc cggatttagc 50

<210> 1671
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1671
gggactccat gggaatattt gccagtaat ggtaaggaaa tctttcgggt 50

<210> 1672
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1672
ccagaaaggt gatgaatgaa taggactgag agtcacagtg aatgtggcat 50

<210> 1673
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1673
tcccaaggtt gttagtgact gataagcttc caaactacag tacagttttt 50

<210> 1674
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1674
gttttcttgt agttgcgggt ccctcgcgaa agttcattca tggccccact 50

<210> 1675
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1675

catggggctc tcttgtgtac ttattgttta aggtttcctc aaactgtgat 50

<210> 1676
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1676
acaaattgaa atgtctgtac tgatcctcaa ccaataaaat ctcagccgaa 50

<210> 1677
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1677
tgcaggagac attggtattc tgggcagctt cctaatatgc tttacaatct 50

<210> 1678
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1678
tcatcccagag aacattggct tccacatcac agtatctacc cttacatggt 50

<210> 1679
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1679
ggcattgtta gtttagtgtg tgtgcagagt ccatttocca catctttcct 50

<210> 1680
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1680
gactgcaatg ctggtgggga aagacttaaa agtggattaa agacctgcgt 50

<210> 1681
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1681
gctttccttc tccaggaata ctgaacatgg gagctcttga aatatgtagt 50

<210> 1682
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1682
tgggaatcaa gatttaatcc tagagatttg gtgtacaatt caggctttgg 50

<210> 1683
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1683
gcagtagtgt ggactagaac aaccCAAATA gcatctagaa agccatgagt 50

<210> 1684
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1684
tgtgtaatgt acctgtcagt gcctccttta ttaaggggtt ctttgagaat 50

<210> 1685
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1685
ccactgtcac tgtttctctg ctgttgcaaa tacatggata acacatttga 50

<210> 1686
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1686
agtttgcctt ggatgtcata ttggcagttg gaggacacag tttctattgt 50

<210> 1687
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1687
ccaagttcca ctttccttct agcgtgcctt acatcaggta ctttgcagc 50

<210> 1688
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1688
agctgtctcc tgttttgtaa gctttcagtg caacatttct tggttccaat 50

<210> 1689
<211> 50

<212> DNA
 <213> Homo sapiens

<400> 1689
 tgcattgttg ggtttccttt accttttcta taagttgtac caaacatcc 50

<210> 1690
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1690
 gggtttgtgc tatacactgg gatgtctaata tgcagcaata aagcctttct 50

<210> 1691
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1691
 gccacactta ttcttttcag taacctgcta gtgcacaggg tgtacttttag 50

<210> 1692
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1692
 cagtcgaagg cttaacttt gcacacttgg gatcacagtt gcgtcattgt 50

<210> 1693
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1693
 ttccctttcc ccagcatcac tccccaagga agagccaatg tttccaccc 50

<210> 1694
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1694
 agccataatg taaactgcct caaattggac tttgggcata aaagaacttt 50

<210> 1695
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1695
 ttgcttttac tagtcttagc tctacgattt aaatccatgt gtccaagggg 50

<210> 1696
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1696
cacacctgca cactcacggc tgaaatctcc ctaacccagg gggaccttag 50

<210> 1697
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1697
agctgtaacg ttcgcgtag gaaagatggg gtttattcca gtttgcattt 50

<210> 1698
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1698
aggggttcca ctagtgtctg ctttccttta ttattgcact gtgtgaggtt 50

<210> 1699
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1699
catcctcagg tggtcaggcg tagatcacca gaataaaccc agttccctc 50

<210> 1700
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1700
acacacaacg tgaaaaatag gaacaggaac aaaaagaaga ccaatgactc 50

<210> 1701
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1701
tttagagtct tccattttgt tggattaga tcctcccctt caaatgctgt 50

<210> 1702
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1702
ctaatttcag tgcttgtgct tggttgttca gggccatttc aggtttgggt 50

<210> 1703
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1703
ccagattttc cccaaacttg cttctgttga gatttttccc tcaccttgcc 50

<210> 1704
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1704
tgggggttgt aaattggcat ggaaatttaa agcaggttct tgttggtgca 50

<210> 1705
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1705
aggtggtggt cagtgcaga cctcttaatg gccagtgaat aacactcact 50

<210> 1706
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1706
ggggtagtgg tgtggcagga caagagaagg cattgagctt tttctttcat 50

<210> 1707
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1707
tcgttaagag agcaacattt tacccacaca cagataaagt tttcccttga 50

<210> 1708
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1708
ccctatcccg caaaatgggc ttctgcctg ggtttttctc ttctcacatt 50

<210> 1709
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1709
 aaacaagta ggaatgaggc tagaccttta acttccctaa ggcatacttt 50

<210> 1710
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1710
 ttccccatat ccaagtacca atgctggtgt aaacaacgtg tatagtgcct 50

<210> 1711
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1711
 tgagcctttc acacctgtgc tggcgctgga aaattatttg tgctcagctg 50

<210> 1712
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1712
 tgggattgta ctataccagt aagtgccact tctgtgtctt tctaattgaa 50

<210> 1713
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1713
 tttttcctca caggagcggg agaactaggg ggagcaggag ctgcaatgcg 50

<210> 1714
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1714
 tctaccatt tctgaggcc tgtggaaata aacctttatg tacttaaagt 50

<210> 1715
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1715
 gtgtccgta tgagtgcaa aaatctgtct tgaaggcagc tacactttga 50

<210> 1716
 <211> 50
 <212> DNA

<213> Homo sapiens

<400> 1716
ctgtgcaatg ctacatgtac gtggacttat atcagaccag tgtggatcctt 50

<210> 1717
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1717
agtcccctgt cctggtcac tatcaagata acaagcggcc ctcagggatc 50

<210> 1718
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1718
gggtctatgt gaaaatgccc ccaacagagc cagaatgtga aaagcaattt 50

<210> 1719
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1719
cttgccctaa gctaccagat tgcttttgcc accattggcc atactgtgtg 50

<210> 1720
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1720
cccctgccag agggagtctt tcttttgatga gagacactgt aaacgacaca 50

<210> 1721
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1721
tgcagccact attgtagtc tcttgattca taatgactta agcacacttg 50

<210> 1722
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1722
tgactattac tgtcagcgt gggacaccaa cactgcggta ttcggcggag 50

<210> 1723

<211> 50
<212> DNA
<213> Homo sapiens

<400> 1723
tttgagacgc aataccaata ctaggattt tggctcttggg gtttgtatga 50

<210> 1724
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1724
tccttcagg gcttctttgt gtctgtgttc tactgtttcc tcaatagtga 50

<210> 1725
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1725
ccatgtccat cccacactcc ccaaccctg tcagctttca cagcatcaag 50

<210> 1726
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1726
tgccctcaag taaaagaaaa gccgaaaggg ttaatcatat tgaaaacca 50

<210> 1727
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1727
atgctacttg ggagaaaact ctactaact gtctcaccgg gtttcaaagc 50

<210> 1728
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1728
ggactttgcg aatatcagag acctcagact cttcacaggg tcaggactca 50

<210> 1729
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1729
agctccctgc aagtcacatt tcccagtga aactgaact tatcagaaaa 50

<210> 1730
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1730
 ttccttcagg atgatctaga gcagcatgga gctgttgga gaatattagt 50

 <210> 1731
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1731
 ggggaggaag gaaggacatt aaattctttc cctggtaatg aaaagagccc 50

 <210> 1732
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1732
 gccttgtaaca taatactatt ccatccacac agtttccacc ctcacctgcc 50

 <210> 1733
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1733
 agcaagatag ccaaatgtga catcaagctc cattgtttcg gaaatccagg 50

 <210> 1734
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1734
 gccgagtgag gtaaccaggt ggcattacc ccatgtttta taaggaattt 50

 <210> 1735
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1735
 ttctttccat ttgctatcat gtcagtgaac gccaggagtg ctttctttgc 50

 <210> 1736
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1736

tgaatttact tcttccaag agtttgact gcccgtcaga ttgtttctgc 50

<210> 1737
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1737
accctcattt ccagggggag cctcaggccc cgagataaat gtgctccatg 50

<210> 1738
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1738
ttctctgagg gctgggggtt gggggagtca gcatgattat attttaatgt 50

<210> 1739
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1739
acttggtgt aatcagttat gccgtatagg atgctagaca ataccactgg 50

<210> 1740
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1740
tggagctcag taacataact gcttcttggg gctttggaat atttatcct 50

<210> 1741
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1741
aaatttcaca agcaatactt tggaccactg ggggtcaggc cccaagaaat 50

<210> 1742
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1742
acacacaaaa cagcaaactt caggtaacta ttttggattg caaacaggat 50

<210> 1743
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1743
tcttgccctta attaacattc cctgtgacct agttggtgca gtggcttgaa 50

<210> 1744
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1744
acttgagtt gtgtggaaaa ctgttttgta atgaaagatc ttcattgggg 50

<210> 1745
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1745
tgtgatctct actactgttg attttgccct cggagcaaac tgaataaagc 50

<210> 1746
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1746
taggaaatgt ttgacatctg aagctctctt cacactcccg tggcactcct 50

<210> 1747
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1747
cgtcccctct ccccttggtt ctgcactggtt gccataaaa agctotataa 50

<210> 1748
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1748
gggagtggtg tgactgaaat gcttgaaacc aaagcttcag ataaacttgc 50

<210> 1749
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1749
aggggacaga aatcaggtat tggcagtttt tccattttca tttgtgtgtg 50

<210> 1750
<211> 50

<212> DNA
 <213> Homo sapiens

 <400> 1750
 agccgcccag ctaccttaatt cctcagtaac atcgatctaa aatctccatg 50

 <210> 1751
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1751
 acatgcaagt acatgttttt aatgttgtct gtcttctgtg ctgttctctgt 50

 <210> 1752
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1752
 cctgtgtggg actgagatgc aggatttctt cacacctctc ctttgtgact 50

 <210> 1753
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1753
 ggcattctgaa tgtgtctgcg ttctctgttag cataatgtga ggaggtggag 50

 <210> 1754
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1754
 ctgagagccc aaactgctgt cccaaacatg cacttctctg ctttaaggtat 50

 <210> 1755
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1755
 aagctcccgt gagccctggt ggcagctcta gcttttgag tcgtgtaatg 50

 <210> 1756
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1756
 agccctcttt ctctccaccc aatgctgctt tctctgttc atctgatgg 50

<210> 1757
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1757
tccacagggg tgggtgtcaaa tgctattgaa attgtgttga attgtatgct 50

<210> 1758
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1758
gctagatccc cgggtggtttt gtgctcaaaa taaaaagcct cagtgacca 50

<210> 1759
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1759
gacttccaca gcagcagaac aagtgcctcc tggactgttc acggcagacc 50

<210> 1760
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1760
tatccccagc tcaggtggtg agtctctctg tccagcctgc atcaataaaa 50

<210> 1761
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1761
ctgggttttg tggatcatcta ttctagcagg gaacactaaa ggtggaaata 50

<210> 1762
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1762
agctatggaa tcaattcaat ttggactggt gtgctctctt taaatcaagt 50

<210> 1763
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1763
tggctcaagt agaaaagcag tcccattcat attaagacag tgtacaaaac 50

<210> 1764
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1764
agctcttgaa agcagctttg agttagaagt atgtgtgtta caccctcaca 50

<210> 1765
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1765
aaccggatat atacatagca tgacatttct ttgtgctttg gcttacttgt 50

<210> 1766
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1766
agcctatctg cttagagac tctggagttt cttatgtgcc ctggtggaca 50

<210> 1767
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1767
aaagttgata ctgtgggatt tttgtgaaca gcctgatgtt tgggaccttt 50

<210> 1768
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1768
cttccttagc tcctgttctt ggctgaagc ctcacagctt tgatggcagt 50

<210> 1769
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1769
tttgtgcttc cctttaccta aactgtcctg cctcccatgc atctgtaccc 50

<210> 1770
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1770
 tttgtgcttc cctttaccta aactgtcctg cctcccatgc atctgtaccc 50

<210> 1771
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1771
 cttgtggctt cctcagctcc tgccttggc ctgaagtccc agcattgatg 50

<210> 1772
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1772
 atttgtttgc atccctcccc cacaccctgg tgttttaaaa tgaagaaaa 50

<210> 1773
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1773
 catccgacat aatcctacag gtgctgtgtt attcatgggg cagataaaca 50

<210> 1774
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1774
 agtgggggtgg ggagcatggt catttgtacc tcgagtttta aactggttcc 50

<210> 1775
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1775
 cctaaaccgt atggcctccc gtgcatctgt attcaccctg tatgacaaac 50

<210> 1776
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1776
 tttcatctca ggcctcctc aacccacca cttcttttat aactagtcct 50

<210> 1777
 <211> 50
 <212> DNA

<213> Homo sapiens

<400> 1777

gcatggctta acctgggtgat aaaagcagtt attaaaagtc tacgttttcc 50

<210> 1778

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1778

agcttccgcc gtctcaacc ctcacaggag cttactggca aacatgaaaa 50

<210> 1779

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1779

tctcctccac ctcaactccg tgcttaacca aagaagctgt actccggggg 50

<210> 1780

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1780

acccaagggg cctggatttg gtgtacaagc aggcccttaa tttatattga 50

<210> 1781

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1781

agctcctctt cctggcttct tactgaaagg ttaccctgta acatgcaatt 50

<210> 1782

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1782

gtctacatca actattacga catgaacgcg gccaatgtgg gctggaacaa 50

<210> 1783

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1783

ccacccaac cttctggtgg ggagaaataa acggtttaga gacagctctg 50

<210> 1784

<211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1784
 gccaaaggcc aagagaatat ccgaacttta atttcaggaa ttgaatgggt 50

 <210> 1785
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1785
 gaaattgctt ttctcttga accacagttc taccctggg atgttttgag 50

 <210> 1786
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1786
 ccggttgta aaactggtt agcacaattt atattttccc tctcttgct 50

 <210> 1787
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1787
 attaaagcac caaattcatg tacagcatgc atcacggatc aatagactgt 50

 <210> 1788
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1788
 tagcgtact ttgctaactg tgctcctcac ttctcttct tcattgcagt 50

 <210> 1789
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1789
 aggctaagct gccggttctt aaatccatcc tgctaagta atgttgggta 50

 <210> 1790
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1790
 aatatatgca tcctgggtga aggatcttgc ctgcatgaaa catgttctca 50

<210> 1791
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1791
acctgggcat tcttgtttca ttcaattcca cctgcaatca agtcctacaa 50

<210> 1792
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1792
ctcctcaca gcacagagaa gacaaaatta gaaaacccc actacacagt 50

<210> 1793
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1793
gttcagtggc actcaacatg agtcaagagc atcctgcttc taccatgtgg 50

<210> 1794
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1794
cttgagctag aagtctccaa ggaggtcggg atggggcttg tagcagaagg 50

<210> 1795
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1795
ctcccaactc ctcctatcc taaaggcca ctggcattaa agtgctgtat 50

<210> 1796
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1796
tcggtcctct ttccagtgga tcataagaca atggaccctt tttggtatga 50

<210> 1797
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1797

aacacacagt gtttatgttg gaatcttttg gaactccttt gatctcactg 50

<210> 1798
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1798
ggggctcttt ccctcatgta tacttcaagt aagatcaaga atcttttggtg 50

<210> 1799
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1799
tcacctctcg tgtggctcat gtttttgctt ttcaacacac aaagcacaaa 50

<210> 1800
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1800
tggatgattg ggactttaaa acgaccctct ttcaggtgga ttcagagacc 50

<210> 1801
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1801
tgtagcttct gaaaggtgct ttctccattt atttaaaaac taccatgca 50

<210> 1802
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1802
tgtagcaaca tgagaaacgc ttatgttaca ggttacatga gagcaatcat 50

<210> 1803
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1803
ctgatggctg tgaccctget tctgcactg acccagagcc tctgcctgtg 50

<210> 1804
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1804
tgtgtgttga tccaagaca atgaaagttt gcactgtatg ctggacggca 50

<210> 1805
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1805
ctctcctcag actgctcaag agaagcacat gaaaaccatt acctgacttt 50

<210> 1806
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1806
gccagtaaga tcaatgtgac ggcagggaaa tgtatgtgtg tctattttgt 50

<210> 1807
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1807
gcaacaatga agttaatgga taccctctgc ctttggtca gaaatgttat 50

<210> 1808
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1808
tgtctttcgg ttatcaagt tttctgcatg gtaatgtcat gtaaagtctg 50

<210> 1809
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1809
tatcatgggg agtaatagga ccagagcggg atctctggca ccacactagc 50

<210> 1810
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1810
tgatcttggc tgtatttaat ggcataggct gacttttgca gatggaggaa 50

<210> 1811
<211> 50

<212> DNA
 <213> Homo sapiens

 <400> 1811
 agtactgaga aaaatccctt cagctctaag aacactgaaa aatccaccga 50

 <210> 1812
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1812
 actttgcaca catttgcac cacatattag ggaaggaata agtagctgca 50

 <210> 1813
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1813
 atgcagtgtt tcctctgtg ttagagcaga gaggtttoga tatttattga 50

 <210> 1814
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1814
 tgctgaagtt tcccttagac atttatgtc ttgctttag gcataatgc 50

 <210> 1815
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1815
 cactggacca ttgtcacaac cctctgttcc tctttgacta agtgccttg 50

 <210> 1816
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1816
 aagtgttact gtggcttcaa agaagctatt gattctgaag tagtggggtt 50

 <210> 1817
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1817
 gctgcttata tatttaataa taaaagaagt gcacaagctg ccgttgacgt 50

<210> 1818
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1818
 aacaaacatt tggttttggt cagaccttat ttccactctg gtggataagt 50

<210> 1819
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1819
 gagagagggc acgagaaccc aaaggaatag agattctcca ggaatttcoct 50

<210> 1820
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1820
 ttcccagcat cagccttaga acaagaacct taccttcaag gagcaagtga 50

<210> 1821
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1821
 ctgtccagct ccctctcccc aagaacaac atgaatgagc aacttcagag 50

<210> 1822
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1822
 ctgtaacgac gagagcggcg aggatgtcga ggttcctat gtccgataca 50

<210> 1823
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1823
 acctagtcat caggacactg agccagggct gcaaccactc catgagtttg 50

<210> 1824
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1824
 ccccaaccct ctgggctctt ggatttcaga gtgaaaactt gatggcattg 50

<210> 1825
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1825
tcaattcctc tgggaatggt acattgtttg tctgtcttca tagcagattt 50

<210> 1826
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1826
accagtttct ttcccttcta gatcaccctg ttctgaagcc agcctctctc 50

<210> 1827
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1827
ctacctgaac ccctcttgcc actgccttct accttgtttg aacctgaat 50

<210> 1828
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1828
aactcgagac cttttcaact tggcttcctt tcttggttca taaatgaatt 50

<210> 1829
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1829
agctgctgct ggatcacagc tgctttctgt tgcattgct gttgtccctc 50

<210> 1830
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1830
ggctgtgtcc taaggcccat ttgagaagct gaggctagtt ccaaaaacct 50

<210> 1831
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1831
atccagcccc acccaatggc cttttgtgct tgtttcctat aacttcagta 50

<210> 1832
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1832
ccttctttgt atataggctt ctcaccgca ccaataaaca gctcccagtt 50

<210> 1833
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1833
aaaacgatga aggtatgctg tcatggctct ttctggaagt ttctggtgcc 50

<210> 1834
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1834
aatgcgaaat tattggttgg tgtgaagaaa gccagacaac ttctgtttct 50

<210> 1835
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1835
ctgtggctcg tttgaggat tggggtggac ctggggttta ttttcagtaa 50

<210> 1836
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1836
gcttccccac cccagttttt gttgcttgaa aatattgttg tcccggattt 50

<210> 1837
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1837
tggactgttt tggtgggcag tgctgataa gcttcaaagc tgctttattc 50

<210> 1838
<211> 50
<212> DNA

<213> Homo sapiens

<400> 1838

cctgccgtgc ccacctaact gtccagatga ggtttatcag cttatgagaa 50

<210> 1839

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1839

cgagctgaga agcggatcatg agcacctggg gattttagta agtgtgtctt 50

<210> 1840

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1840

accatccaat cggacaagct ttcagaacct tattgaagga tttgaagcac 50

<210> 1841

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1841

tgctgatgaa cctgcagaaa aggctgatga accaatggaa cattaagtga 50

<210> 1842

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1842

tcttatgcac acggtgattt catgttatat atgcaaagta ggcaactggt 50

<210> 1843

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1843

aacataggag tggattcctg cccaaccaa accgcattcg tgtggatttt 50

<210> 1844

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1844

aataaatttg caaaaccaag atcacagtac accatagca ctctggtacc 50

<210> 1845

<211> 50
<212> DNA
<213> Homo sapiens

<400> 1845
aatgacctc atgttgtggt ttaaacagca actgcaccca ctagcacagc 50

<210> 1846
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1846
tgtgcagtag aaacaaaagt aggctacagt ctgtgccatg ttgatgtaca 50

<210> 1847
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1847
ctgtttattc tgggaaatgt ttaaatgcca gggcctgctg agttgcttct 50

<210> 1848
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1848
ccttaagacc agttcatagt taatacaggt ttacagttca tgctgtggt 50

<210> 1849
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1849
tcatcacttt ggacaggagt taattaagag aatgaccaag ctgagttcaa 50

<210> 1850
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1850
agtctgccta aataggtagc ttaaacttat gtcaaatgt ctgcagcagt 50

<210> 1851
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1851
ctggcctcca gtgccttccc ccgtggaata aacggtgtgt cctgagaaac 50

<210> 1852
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1852
agctaattaa gctgcagaac gtgggaaata aagttcgaaa caaagggttaa 50

<210> 1853
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1853
ggacaggtgt gccgacagaa ggaaccagcg tgtatatgag ggtatcaaat 50

<210> 1854
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1854
cccttcgtgg ggctacacat tctcttcctc atattttcat gcacacaagt 50

<210> 1855
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1855
ttctgcacag gtctctgttt agtaaataca tcaactgtata ccgatcagga 50

<210> 1856
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1856
caccctccac cccttccttt tgcgcgacc ccattacaat aaattttaa 50

<210> 1857
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1857
catgcagcta tttcaaagtg tgttgatta attaggatca tccctttggt 50

<210> 1858
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1858

tggagaattg tggaaggatt gtaacatgga ccatccaaat ttatggccgt 50

<210> 1859
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1859
ttcacgggat gcaccaaagt gtgtaccccg taagcatgaa accagtgttt 50

<210> 1860
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1860
tctgtccatc agtgcacgac gtttaaggcc acgtatagtc ctagctgacg 50

<210> 1861
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1861
tcctataatt atttctgtag cactccacac tgatctttgg aaacttgccc 50

<210> 1862
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1862
gggacactgg aggctggagc tacagttgaa agcactgcat gttaagaggg 50

<210> 1863
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1863
tgctaccaca actatattat catgcaaagc ctgtattctt ctttgggtgga 50

<210> 1864
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1864
gcaacttacg cttggcatct tcagaatgct tttctagcat taagagatgt 50

<210> 1865
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1865
tttacaagaa ttgtccatgt gcttcocctag gctgagctgg cattggtctg 50

<210> 1866
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1866
aaaacttccc accctacttt tccaagagtg ccagttggat tctgaatctg 50

<210> 1867
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1867
tagaccaatt ctctgatctc gagttgtttt tgtttgata cagccctttt 50

<210> 1868
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1868
aacattctac atagcacagg agcttaagag tggcattatc ttctcgcctt 50

<210> 1869
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1869
agatagcag acattgtggc atctgggtag aagaatactg tattgtgtgt 50

<210> 1870
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1870
tttgaccaga agcccttagt aagtacgtgc ctgaaactga aaccatgtgc 50

<210> 1871
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1871
acacctggct tggagtcaga tttagttaac aataatgagc ctggagcagt 50

<210> 1872
<211> 50

<212> DNA
<213> Homo sapiens

<400> 1872
tctaatagcg ggttactttc acatacagcc ctccccagc agttgaatga 50

<210> 1873
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1873
ctgaaaagtg ctttgctgga gtcctggtct ctgagctcca cagaagacac 50

<210> 1874
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1874
aagcctaaag tgattcaata gcccaggagc acctgattcc tttctgctg 50

<210> 1875
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1875
tgggcatggt tgaatctgaa accctccttc tgtggcaact tgtactgaaa 50

<210> 1876
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1876
ggggtggggt ggggtgagag tgtgtggagt aaggacattc agaataaata 50

<210> 1877
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1877
agaagtgtg cgcgtgcttt ctcagcagca ttttctcttc aaaatcatct 50

<210> 1878
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1878
cttgccagcc aggagtgcgg acaccatggt cccagctcag tgccaaagag 50

<210> 1879
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1879
atttggggag agaaaacctt ttttaagcatg gtggggcact cagataggag 50

<210> 1880
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1880
accctctttc ttgtttgtca gcatctgacc atctgtgact ataaagctgt 50

<210> 1881
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1881
tggatcatcca aactcaaact tgagaaaata tcttgctttc aaattgacac 50

<210> 1882
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1882
accgaatttg gcaagaatga aatggtgtca taaagatggg aggggagggg 50

<210> 1883
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1883
agcctgtgac attaagcatt ctcaacaatta gaaataagaa taaaacccat 50

<210> 1884
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1884
aaaaataaaa acaaatactg tgtttcagaa ggcacaccta ttggggaaaa 50

<210> 1885
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1885
ttatcacaag ctctgttacc tttatatacg ctgcctcttc aatttgga 50

<210> 1886
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1886
 gcagaaaata tcctggcagg gaatctggct taaacatgaa atgctgtaat 50

 <210> 1887
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1887
 tgtgtgcata atagctacag tgcatagttg tagacaaagt acattctggg 50

 <210> 1888
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1888
 tctcagtggg tggtagcaga gggatcaagc agttatttga tttgtgctct 50

 <210> 1889
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1889
 gtctatttac ggaactcaaa tacgtgggca ttcaaatgta ttacagtggg 50

 <210> 1890
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1890
 tgcactttta gaaatgcata tttgccacaa aacctgtatt actgaataat 50

 <210> 1891
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1891
 gggaggggat taaccaagg ccaccctgac tttgtttttg tggacacaca 50

 <210> 1892
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1892
 gcctgcccct gtgtattcac caccaataaa tcagacctg aaacctgaaa 50

<210> 1893
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1893
 aggtgtattt atgttaccgt tctgaataaa cagaatggac cattgaacca 50

<210> 1894
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1894
 tgtaatgaat ttgtcgcaaa gacgtaataa aattaactgg tggcacggtc 50

<210> 1895
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1895
 tgtcaatgga agttggctgc acttgatggt tgtttgcatg atgtctacct 50

<210> 1896
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1896
 tcgagcacct gtaacaatt ttctcaacct atttgatggt caaataaaga 50

<210> 1897
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1897
 aactttacta agtaatctca cagcatttgc caagtctccc aatatccaat 50

<210> 1898
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1898
 taagatcttt aaactgcttt atacactgtc acgtggcttc atcagctgtg 50

<210> 1899
 <211> 50
 <212> DNA

<213> Homo sapiens

<400> 1899
aaaaccacta ccctcagaga gagccaaaaa tacagaagag gcggagagcg 50

<210> 1900
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1900
cgagcaagcc tgggaactca ggaaaattca caggacttgg gagattctaa 50

<210> 1901
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1901
ggcttagcta cagtgaagtt ttgcattgct tttgaagaca agaaaagtgc 50

<210> 1902
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1902
acttcaaat taccttttca tatccatgat cttgagtcca tttgggggat 50

<210> 1903
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1903
caaacacttt tgggccagga tttgagtctc tgcatgacat atacttgatt 50

<210> 1904
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1904
cagactccac caagcctggt cagcccaaac caccagaagc ccagaataaa 50

<210> 1905
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1905
agtcagaat ctcataggtt gccaataata cactaattcc tttctatcct 50

<210> 1906

<211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1906
 agactgacta cattggaagc tttagagttga cttctgacca aaggtggtaa 50

 <210> 1907
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1907
 ctggggttttg tggatcatcta ttctagcagg gaacactaaa ggtggaaata 50

 <210> 1908
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1908
 gtggtgaggg cagttctgca cccagccaaa cacataacaa taaaaccaa 50

 <210> 1909
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1909
 tctgtgtcct aaagatgtgt tctctataaa atacaaacca acgtgcctaa 50

 <210> 1910
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1910
 ctagtcatag aaatacctca ttcgcctgtg ggaagagaag ggaagcctct 50

 <210> 1911
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1911
 agcagcggct ggatgtgata tgtctagttt aaccagtccc cttgatcttt 50

 <210> 1912
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1912
 tattggagga ctccctccca gctttggaag ggtcatccgc gtgtgtgtgt 50

<210> 1913
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1913
atacaaaagca aacaaactca agttatgtca tacctttgga tacgaagacc 50

<210> 1914
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1914
atctaccctc cgattgttcc tgaaccgatg agaaataaag tttctgttga 50

<210> 1915
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1915
catggagact tgaggagggc ttgaggttgg tgaggttagg tgcgtgttcc 50

<210> 1916
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1916
gcccaaagaa gcaaggaacc aaatttaaga ctctcgcac tcaccaaccc 50

<210> 1917
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1917
cggagtctg ggattcatcc cgtcatttct ttcaataaat aattattgga 50

<210> 1918
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1918
gcaatggcag ccttggcaaa cgctaaatga aaatcgtgac aacacttgtg 50

<210> 1919
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1919

agtgttgga gcacttaaga cttatacttg cttctgata gtattccttt 50

<210> 1920
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1920
aactgaggac tgtttgcaat tgacataggc aataataagt gatgtgctga 50

<210> 1921
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1921
gggctcagtt ctgccttacc taaatcacca gagaccaaac aaggactaat 50

<210> 1922
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1922
ggcatgaaat gagggacaaa gaaagcatct cgtaggtgtg tctactgggt 50

<210> 1923
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1923
tcttggaac ttccattaag tgtgtagatt gagcaggtag taattgcatg 50

<210> 1924
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1924
actactcagc atggaaacaa gatgaaattc catttgtagg tagtgagaca 50

<210> 1925
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1925
cactaatgat cctgctaccc tcttgaagac cagcccggta cctctctccc 50

<210> 1926
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1926
gtgacctcac ttctggcact gtgactacta tggctgttta gaactactga 50

<210> 1927
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1927
aagccttatt cttcaactaa aagatgagga ttaagagcaa gaagttgggg 50

<210> 1928
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1928
gcactgaatc gtttcatgta agaatccaaa gtggacacca ttaacaggtc 50

<210> 1929
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1929
ggtgctcaca ttccttaaat taaggagaaa tgctggcata gagcagcact 50

<210> 1930
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1930
cttttgttct ctccgtgaaa cttaccttcc cttttttctt tctctttttt 50

<210> 1931
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1931
tggtagtag agcttagatt tcctattgt gacagagcca tggtagtgtt 50

<210> 1932
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1932
tggagataat ctagaacaca ggcaaatcc ttgcttatga catcacttgt 50

<210> 1933
<211> 50

<212> DNA
 <213> Homo sapiens

 <400> 1933
 gtgcctctgt gctgtgtatg tgaaccaccc atgtgagga ataacctag 50

<210> 1934
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1934
 tgcaaacggt tttgtaagtt aacactacac tactcacaat ggtaggggaa 50

<210> 1935
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1935
 cctgtgccca gcaggaagga agtcaaataa accacactga ctacctgtgc 50

<210> 1936
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1936
 cccaacaatc ccaaggcct tttatacaa aaattctcag ttctcttcac 50

<210> 1937
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1937
 tgtctgtttt aatcatgtat ctggaatagg gtcggaagg gtttctgcta 50

<210> 1938
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1938
 cacgatggtg gaaacagtgg ggaactactg ctggaaaag ccctaatagc 50

<210> 1939
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 1939
 ccctggaggc actgaagtgc ttagtgtact tggagtattg gggctctgacc 50

<210> 1940
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1940
acaagtttac atgataaaaa gaaatgtgat ttgtcttccc ttctttgcaac 50

<210> 1941
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1941
ttgtatgtga ataattctag cgggggacct gggagataat tctacgggga 50

<210> 1942
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1942
atctattcta acgcaaaacc actaactgaa gttcagatat aatggatggt 50

<210> 1943
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1943
gtaacggaac atatccagta ctcctgggtc ctaggtgagc aggtgatgcc 50

<210> 1944
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1944
actaatttga tgtttacagg tggacacaca aggtgcaaat caatgcgtac 50

<210> 1945
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1945
tgtgtgtttt agtttcatca cctgttatct gtgtttgctg aggagagtgg 50

<210> 1946
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1946
ttggagctgt tccattgggt cctcttgggt tcgtttccct cccaacagag 50

<210> 1947
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1947
 atttgttgc ctcagactgt gtaaaacaaa atttattcat gttttctgca 50

<210> 1948
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1948
 ctgaaccatt actgtaattg gctcttaagg cttgaagtaa ccttataggt 50

<210> 1949
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1949
 gctaagctgc cggttcttaa atccatcctg ctaagttaat gttgggtaga 50

<210> 1950
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1950
 tgtaaccaat aatctgtag tgaccttacc tgtattccct gtgctatcct 50

<210> 1951
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1951
 acattccctt ggatgtagtc tgaggccct taactcatct gttatcctgc 50

<210> 1952
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1952
 atttctcct tatctactgt gatgacttca gaagatacaa tggcccagg 50

<210> 1953
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1953
tgtctggagg gggtttgtgc ctgataacgt aataacacca gtggagactt 50

<210> 1954
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1954
aactgcctt ctcaactcca aactgactct taagaagact gcattatatt 50

<210> 1955
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1955
agatgttcca aatttagaaa gcttaaggcg gcctacagaa aaaggaaaaa 50

<210> 1956
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1956
aagtccaact actaaactgg gggatattat gaagggcctt gagcatctgg 50

<210> 1957
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1957
atccacctcc ctcccctaga gctattctcc tttgggttc ttgctgctgc 50

<210> 1958
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1958
aaaaggccac agcaatctgt actacaatca actttatattt gaaatcatgt 50

<210> 1959
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1959
gattagtac cattgaaatt ggttctgtca taaaacagca tgagtctggt 50

<210> 1960
<211> 50
<212> DNA

<213> Homo sapiens

<400> 1960

aaaaatacac atcacaccca tttaaaagtg atcttgagaa ccttttcaaa 50

<210> 1961

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1961

acagcaacag ctattaaatc agcaagtttt ggagcaaaga caacagcagt 50

<210> 1962

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1962

tgaccagggc agtgaaaatg aaaccgcatt ttgggtgcc ttaaataagg 50

<210> 1963

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1963

caatttcttt attagagggc cttattgatg tgttctaagt cttccagaa 50

<210> 1964

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1964

agagctgaaa tgtcaggaac aaaagaaga acagctgcag gaaggggtgc 50

<210> 1965

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1965

ggtaataaga gcagtagcag cagcatctct gaacatttct ctggatttgc 50

<210> 1966

<211> 50

<212> DNA

<213> Homo sapiens

<400> 1966

agagtttggg aaaagcctgt gaaaggtgtc ttctttgact taatgtcttt 50

<210> 1967

<211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1967
 gtatggtaga ttcaaataa ccaactgaaaa ggcatttagt ttcttgtccc 50

<210> 1968
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1968
 agctatggaa tcaattcaat ttggactggt gtgctctctt taaatcaagt 50

<210> 1969
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1969
 gctcttaagt tgtggagagt gcaacagtag cataggaccc taccctctgg 50

<210> 1970
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1970
 gaatttggtg gtgtcaattg cttatttggt ttcccacggt tgtccagcaa 50

<210> 1971
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1971
 aaaacagcca aaactccaca gtcaatatta gtaatttctt gctggttgaa 50

<210> 1972
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1972
 tagcatttgt ttaaggggtga tagtcaaatt atgtattggt ggggctgggt 50

<210> 1973
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1973
 gcagatgaga cagcaacat tgtagaattt ctgaacagat ggattacctt 50

<210> 1974
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1974
tctaatttct gaaatgtgca gctcccattt ggcccttgtc ggttgtgttc 50

<210> 1975
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1975
accagagtac gttggaaaac ttcttgaaa ggctaaagac gatcatgaga 50

<210> 1976
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1976
tgaggacttt tgcaccaatt caacccttg cccaccttt attaaaatct 50

<210> 1977
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1977
gctggcccat aaacaccctg taggttcttg atatttataa taaaattggt 50

<210> 1978
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1978
cccaggagtg tgtgtctgta atcggcctac tattcagtg cgagaaataa 50

<210> 1979
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1979
tgatcttggc tgtatttaat ggcataggct gacttttgca gatggaggaa 50

<210> 1980
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1980

ttgttgacaa ctgtgactgt acccaaatgg aaagtaactc atttgtaaa 50

<210> 1981
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1981
gtcaagattg tgttttgagg tttccttcag acagattcca ggcgatgtgc 50

<210> 1982
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1982
tcaccagtcc ctccccaaat gctttccatg agttgcagtt ttttcctagt 50

<210> 1983
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1983
tactttgggg acttgtaggg atgcctttct agtccatttc tattgcagtt 50

<210> 1984
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1984
ccatcgggtga aactaacaga taagcaagag agatgttttg gggactcatt 50

<210> 1985
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1985
agctcctctt cctggcttct tactgaaag ttaccctgta acatgcaatt 50

<210> 1986
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1986
caccaggaac ctgctttagt gggggatagt gaagaagaca ataaaagata 50

<210> 1987
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1987
ggctacagaa agaagatgcc agatgacact taagacctac ttgtgatatt 50

<210> 1988
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1988
gcatttccac accaagcagc aacagcaaat cacgaccact gatagatgtc 50

<210> 1989
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1989
tccccaaacc ataaaaccct atacaagttg ttctagtaac aatacatgag 50

<210> 1990
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1990
gcttccggtc cttagccttc ccaggtggga ctttaggcat gattaaaata 50

<210> 1991
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1991
tgctattgcc ttctatctt gcataataaa tgcttcagtg aaaatgcagc 50

<210> 1992
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1992
ggaagaagag ggagagatgg agcaaagtga gggccgagtg agagcgtgct 50

<210> 1993
<211> 50
<212> DNA
<213> Homo sapiens

<400> 1993
atccagcccc acccaatggc cttttgtgct tgtttctat aacttcagta 50

<210> 1994
<211> 50

<212> DNA
 <213> Homo sapiens

<400> 1994
 ctcagctaaa aggccacccc tttatcgcat tgctgtcctt gggtagaata 50

<210> 1995
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1995
 accttatgaa ctacagtgga gctacactca ttgaaatgta atttcagttc 50

<210> 1996
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1996
 tccagggcaa tcaatgttca cgcaacttga aattatatct gtggtcttca 50

<210> 1997
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1997
 gccagatttg gggcatttgg aaagaagttc attgaagata aagcaaaagt 50

<210> 1998
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1998
 ctgcaccctt cccccagcac catttatgag tctcaagttt tattattgca 50

<210> 1999
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 1999
 ttttgaagaa gggaaattca cactgtgcgt tttgagtatg caagaagaat 50

<210> 2000
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2000
 tgttgtgact ttttagccag tgactttttc tgagcttttc atggaagtgg 50

<210> 2001
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2001
acttcacaca gacaagtggc taagtgtcca ttatttacct tgaacaatca 50

<210> 2002
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2002
acagccaact ggaaagatat aaaagtttgg gtctgtctcc tctccttcag 50

<210> 2003
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2003
attaagcac caaattcatg tacagcatgc atcacggatc aatagactgt 50

<210> 2004
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2004
atggaaattg tatttgcctt ctccactttg ggaggtccc acttcttggg 50

<210> 2005
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2005
tcagagggaa agtaaattt tcaggcatac tgacactttg ccagaaagca 50

<210> 2006
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2006
gtgtaacaca gtgccttcaa taaatggat agcaaagtgt ttgacatgaa 50

<210> 2007
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2007
tgggactatt acatccacat gatacctctg atcaagtatt tttgacattt 50

<210> 2008
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2008
cattcgtatg agaagcggct tttctgaaaa gggatccagc acacctcctc 50

<210> 2009
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2009
cttcagactg aacatgtaca ctggtttgag cttagtgaaa tgacttccgg 50

<210> 2010
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2010
tttaaagtgt tgtgtaata cacattaata catcgcacaa aaacgatgca 50

<210> 2011
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2011
gcaaccttgc atccatctgg gctacccac ccaagtatac aataaagtct 50

<210> 2012
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2012
tgctgggtggg gaaagactta aaagtgatt aaagacctgc gtattgatga 50

<210> 2013
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2013
aggggcgctc gcttccgcat cctagtctct atcattaag ttctagtac 50

<210> 2014
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2014
 agctgatcct cggaagaac aaagctaaag ctgccttttg tctgttattt 50

<210> 2015
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2015
 cacaggccca tggactcact tttgtaacaa actcctacca aactgacca 50

<210> 2016
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2016
 aggaggagtt tctattaataa tctgtcactt gagtgatgct atttaagtcc 50

<210> 2017
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2017
 cctgtgcaat agacacatac atgtcacatt tagctgtgct cagaaggct 50

<210> 2018
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2018
 cctgtgcaat agacacatac atgtcacatt tagctgtgct cagaaggct 50

<210> 2019
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2019
 tgcacctggt actggtgggc tttccactga gatctactgg ataaagaata 50

<210> 2020
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2020
 aagaaggagc ttaatgccag gaacagattt tgcagttggt ggggtctcaa 50

<210> 2021
 <211> 50
 <212> DNA

<213> Homo sapiens

<400> 2021

agggtacct gcgatctgtg ttgctctga cgaatggaat ttatcctcac 50

<210> 2022

<211> 50

<212> DNA

<213> Homo sapiens

<400> 2022

ccatgattat ttttctaagc tggttggta ataacagta cctgctctca 50

<210> 2023

<211> 50

<212> DNA

<213> Homo sapiens

<400> 2023

aaaggctaaa gaacttgcca ctaaactggg ttaaattgac actgttgagt 50

<210> 2024

<211> 50

<212> DNA

<213> Homo sapiens

<400> 2024

ggaaccaaga ctgtgcagga gaaagagaac tagtgctgag ggcctcaata 50

<210> 2025

<211> 50

<212> DNA

<213> Homo sapiens

<400> 2025

tggttcagc agaagtatga tgggatcatc cttcctggca aataaattcc 50

<210> 2026

<211> 50

<212> DNA

<213> Homo sapiens

<400> 2026

ttggttgttt ggtagtgac tgatgtaaaa cggttttctt gtggggaggt 50

<210> 2027

<211> 50

<212> DNA

<213> Homo sapiens

<400> 2027

atgtggcag cattgcatga ttctccagta tatttgtaaa aaataaaaaa 50

<210> 2028

<211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2028
 cgggccagcc gaggctacaa aaactaacc tggatcctac tctcttatta 50

<210> 2029
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2029
 acctcccact ttgtctgtac atactggcct ctgtgattac atagatcagc 50

<210> 2030
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2030
 ttcaactaaa gcgccacctg ctccaccag agaagcacac tttgtgagaa 50

<210> 2031
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2031
 ttggaaatca tagtcaaagg gcttccttgg ttcgccactc atttatttgt 50

<210> 2032
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2032
 ttggaaatca tagtcaaagg gcttccttgg ttcgccactc atttatttgt 50

<210> 2033
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2033
 cctgatggag agaagaaggc atatgttcga ctggctcctg attacgatgc 50

<210> 2034
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2034
 cagaagaaac tgaagaaaca aaaacttatg gcacgggagt aaattcagca 50

<210> 2035
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2035
gtttcagctc cccgagttgg tggaaaacgc taaactggca gattagattt 50

<210> 2036
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2036
ctcctggttg gtaagggtgt tgagtgtgac ttgtgctgaa aacctggttc 50

<210> 2037
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2037
gaacaagtggt ttcttcaga aactgcggtt ttagatgctt tgttttgatc 50

<210> 2038
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2038
ggcttgaagc cacatggagg gagtttcatt aaatgctaac tacttttaaa 50

<210> 2039
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2039
atctacagac agtcaatgtg gatgagaact aatcgctgat caataacgt 50

<210> 2040
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2040
gcgcagtgaa gaaaatgagt aggcagctca tgtgcacggtt ttctgtttaa 50

<210> 2041
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2041

caatcttctt gctaaggcca ttggacacag aatccgagtg atgctgtacc 50

<210> 2042
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2042
ggcagctggt gcagcatcca gttcatctta agaatgtcaa cgattagtca 50

<210> 2043
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2043
agacgctcct ctactctttg gagacatcac tggcctataa taaatggggt 50

<210> 2044
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2044
tctgttatga acacgttggt tggctggatt cagtaataaa tatgtaaggc 50

<210> 2045
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2045
tgagaagaag gaggagtctg aagagtcaga tgatgacatg ggatttggcc 50

<210> 2046
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2046
gctaaagtgtg aacgagctga tggatatgaa ccaccagtcc aagaatctgt 50

<210> 2047
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2047
gctggccacc aaacagagca gtggctaaat tgcagtagca gcatactttt 50

<210> 2048
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2048
gccaaagtcca accgctgatt ttcccagctg ctgcccaata aacctgtctg 50

<210> 2049
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2049
tgggtgtctat aagaagctca cgggcaagga tgtaatttt gaattcccag 50

<210> 2050
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2050
aggctggaca tcggcccgt cccacaatg aaataaagtt attttctcat 50

<210> 2051
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2051
catctacagc ctctgccctg gtcgcataaa tttgtctgtg tactcaagca 50

<210> 2052
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2052
ctaccagaaa tcctaccgat aagcccatcg tgactcaaaa ctcaattgta 50

<210> 2053
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2053
ctcggggacc tgtttgaatt ttttctgtag tgctgtatta tttcaataa 50

<210> 2054
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2054
gctgccaaca agaagcatta gaacaaacca tgctgggtta ataaattgcc 50

<210> 2055
<211> 50

<212> DNA
 <213> Homo sapiens

 <400> 2055
 gatggcatcg tctcaaagaa cttttgactg gagagaatca cagatgtgga 50

 <210> 2056
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2056
 gatggcatcg tctcaaagaa cttttgactg gagagaatca cagatgtgga 50

 <210> 2057
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2057
 ccaatgtttc tcttttgccc ctatacaaag gcaagaagga aagaccaaga 50

 <210> 2058
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2058
 ctggcaaaaa gccgaaggag taaaggtgct gcaatgatgt tagctgtggc 50

 <210> 2059
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2059
 tggatgaagat gcatgaatag gtccaaccag ctgtacattt ggaaaaataa 50

 <210> 2060
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2060
 gccagtgttt ccgtcagtac gcgaaggata tcggtttcat taagttggac 50

 <210> 2061
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2061
 gagtgataac tcatgagaag tactgatagg acctttatct ggatatggtc 50

<210> 2062
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2062
ggtgattctt ctctgttgaa ctgaagtttg tgagagtagt tttcctttgc 50

<210> 2063
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2063
tgtgtgttga tccaagaca atgaaagttt gcaactgtatg ctggacggca 50

<210> 2064
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2064
ggggaagggtg ttttttagtac aagacatcaa agtgaagtaa agcccaagtg 50

<210> 2065
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2065
aggaaaacat caaaacaac aagcaagaaa ccgaagaaga catcttttga 50

<210> 2066
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2066
agctgccacc tcagtctctt ctctgtatta tcatagcttg gtttaaataa 50

<210> 2067
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2067
ggaggcagcc agggcttacc tgtacactga cttgagacca gttgaataaa 50

<210> 2068
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2068
agcaaagatt tcagtagaat tttagtcctg aacgctacgg ggaaaatgca 50

<210> 2069
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2069
tggtgggtatt cagtggcca ggattctgta atgctttaca caggcagttt 50

<210> 2070
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2070
tgcttttatg tgcccttga taacagtgc ttaacaatat acattcctca 50

<210> 2071
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2071
ttgtttcaaa atgctgtttc atttttataa agtaccagtg ttagctgct 50

<210> 2072
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2072
agagatggac aagagcagcc aggagacca gcgatctgag cataaaactc 50

<210> 2073
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2073
tgaaagagaa agactgatta cctcctgtgt ggaagaagga aacaccgagt 50

<210> 2074
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2074
ggaatacctc agaagagatg cttcattgag tgttcattaa accacacatg 50

<210> 2075
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2075
accatgatac ttttaattaga agcttagcct tgaaattgtg aactcttgga 50

<210> 2076
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2076
accatgatac ttttaattaga agcttagcct tgaaattgtg aactcttgga 50

<210> 2077
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2077
gcctctgccc tggtttggt atgtcagatc caataaacat cctgaacctc 50

<210> 2078
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2078
tgccttttct accccatccc tcacagcctc ttgctgctaa aatagatgtt 50

<210> 2079
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2079
ggccaggccc aagtaagtgt accttgctact ttataaataa acctcaagca 50

<210> 2080
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2080
gccgaattgt ctttggtgct tttcacttgt gttttaaaat aaggattttt 50

<210> 2081
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2081
cccctgccag agggagtcttct tcttttgtga gagacactgt aaacgacaca 50

<210> 2082
<211> 50
<212> DNA

<213> Homo sapiens

<400> 2082

agaagtcccc catgtggata tttcttatac taattgtatc ataaagccgt 50

<210> 2083

<211> 50

<212> DNA

<213> Homo sapiens

<400> 2083

gggcaggagc atgggggtgct tggttgttct cttcctaata aaataaacgc 50

<210> 2084

<211> 50

<212> DNA

<213> Homo sapiens

<400> 2084

atgcatttgg tatgaatctg tggttgtatc tgttcaattc taaagtacaa 50

<210> 2085

<211> 50

<212> DNA

<213> Homo sapiens

<400> 2085

ttctctaggt tactgttggg agcttaatgg tagaaacttc cttggtttca 50

<210> 2086

<211> 50

<212> DNA

<213> Homo sapiens

<400> 2086

cctcccagca acccactacc tctggtacct gtaaagggtca aacaagaaac 50

<210> 2087

<211> 50

<212> DNA

<213> Homo sapiens

<400> 2087

ccgtgtctgt ttgtaggcgg agaaaccggt gggtaacttg ttcaagatat 50

<210> 2088

<211> 50

<212> DNA

<213> Homo sapiens

<400> 2088

tgaggggtgag ggcaggctga ggcaacgagt gggagggttca aacaagagtg 50

<210> 2089

<211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2089
 cccaaacaat ctgtggatgg aaaagcacca cttgctactg gagaggatga 50

<210> 2090
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2090
 aatcaacttc aaggagcacc ttcattagta cagcttgcatt atttaacatt 50

<210> 2091
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2091
 aggcgatgat attctcacca tcttgactga agtgaactat gaagtaagca 50

<210> 2092
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2092
 tgacgacctg gtagaatctc tctaaccatt tgaagttgat ttctcaatgc 50

<210> 2093
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2093
 gctgcgaaag acccacatgc tacaagacgg gcaaaataaa gtgacagatg 50

<210> 2094
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2094
 cgcccatgat gggagggatt gacatgtttc aacaaaataa tgcacttctt 50

<210> 2095
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2095
 tctttcagat agcaggcagg gaagcaatgt agtgtggtgg gcagagcccc 50

<210> 2096
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2096
caggaggatg gcaaagagag tcgcatctca gtgcaggaga gacagtgagg 50

<210> 2097
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2097
ggggtagtg gtggcaggac aagagaaggc attgagcttt ttctttcatt 50

<210> 2098
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2098
gccatgaagg agcaagtttt gtatttctga cctcagcttt ggaataaag 50

<210> 2099
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2099
gctacttggt tacattgtac actgcgacca ccttgccgct tttcatcaca 50

<210> 2100
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2100
accaagtffc aggggacatg agttttccag cttttataca cacgtatctc 50

<210> 2101
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2101
ggcaaatgag gaacagggca atagtatgat gaatcttgat tggagttggt 50

<210> 2102
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2102

tgttttcat ctaagccttc tggttttatg ggtcagagtt cggactgcca 50

<210> 2103
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2103
tataccatga gatgagatga ccaccaatca tttccttggg gggagggggg 50

<210> 2104
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2104
cctaggaaat cacaggcttc tgagcacagc tgcattaataa caaaggaagt 50

<210> 2105
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2105
aatgtaacc ttttgctttc caaattaag aactccatgc cactcctcaa 50

<210> 2106
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2106
acacacatac acacacccca aaacacatac attgaaagtg cctcatctga 50

<210> 2107
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2107
gaccctatcc tcccaccgcc tccgttaaca cgatcctgaa taaatcttga 50

<210> 2108
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2108
acagcaaagc ccattggcca gaaaggaaag acaataattt tgttttttca 50

<210> 2109
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2109
 aaggagtaaa gatttgcctt taaataactt ggtattttcc tggctttcgt 50

<210> 2110
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2110
 ggcctcgttt acttttataaa aatgaaattg ttcattgctg ggagaagaat 50

<210> 2111
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2111
 tcaactaatg atttagtgat caaattgtgc agtactttgt gcattctgga 50

<210> 2112
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2112
 taggtttctg acttttgtgg atcattttgc acatagcttt atcaactttt 50

<210> 2113
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2113
 aaatcagtac tttttaatgg aaacaacttg acccccaaat ttgtcacaga 50

<210> 2114
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2114
 agatcttcaa gtgaacatct cttgccatca cctagctgcc tgcacctgcc 50

<210> 2115
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2115
 caggaggggg gaggaaggg agccaaggga tggacatctt gtcatttttt 50

<210> 2116
 <211> 50

<212> DNA
<213> Homo sapiens

<400> 2116
gcaagtatgc tgctctctct gttgatgggtg aagatgaaaa tgaggagaa 50

<210> 2117
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2117
ttgtgggtgt gaaacaaatg gtgagaattt gaattgtcc ctctattat 50

<210> 2118
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2118
aaagggaaaa agacctcgtg gagaatTTTT actggggatt cttgaacttg 50

<210> 2119
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2119
aatgtattt actatgcgtg tttccagcag ttggcattaa agtgcctttt 50

<210> 2120
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2120
attgcatta ctctgggtgga ttgttctagt actgtattgg gcttcttcgt 50

<210> 2121
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2121
gaggaggtct cttctatgcc accggcctct gccagctttg caccagcgtg 50

<210> 2122
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2122
gctagatccc cggtggtttt gtgctcaaaa taaaaagcct cagtgacca 50

<210> 2123
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2123
tttgaagagc ctttttggt aacggttttt attaaagatg ctatggaaca 50

<210> 2124
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2124
gtcaggattg cgagagatgt gtggtgatac tgggtgcacgt gtgtttttct 50

<210> 2125
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2125
catgcagcta tttcaaagtg tgttgatta attaggatca tccttttgg 50

<210> 2126
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2126
taatggcccc ttaccctggg tgaagcactt acccttgaa cagaactcta 50

<210> 2127
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2127
aaggctcat cctggggagg atacgtaggc acacagaggg gagtcaccag 50

<210> 2128
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2128
tgggtaagt ggagttggga aatacaagaa gagaaagacc agtggggatt 50

<210> 2129
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2129
acctagcgga caatgatgga gagatctatg atgatattgc tgatggctgc 50

<210> 2130
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2130
gtgatgggtgt agccctccca ctttgctggt ccttacttta ctgcctgaat 50

<210> 2131
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2131
gcctctactt ctgtctcaaa atggctccaa atgatttctg tactgcaaaa 50

<210> 2132
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2132
tctccttcca cagtttattt cctcgcttcc tttgcatcta aacctttcct 50

<210> 2133
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2133
acactgttgc cctggctgta ttcataagat tccagctcct tcaggtgttt 50

<210> 2134
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2134
gtcaatattc tgcaatttca gcccatttg tactacgtgc gagacagcct 50

<210> 2135
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2135
ggcgggactg ggcggggcgg ggcatcagaa ctcaggtgtt ttttatttac 50

<210> 2136
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2136
 ttcccttttgc tctttgtggt tggatctaac actaactgta ttgttttgtt 50

<210> 2137
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2137
 acgtcttcca aataaattat gtgttgggtgc catcgcacat gctcaataaa 50

<210> 2138
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2138
 aggtgggtgtt cagtgtcaga cctcttaatg gccagtgaat aacactcact 50

<210> 2139
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2139
 ctgagactgg ctgctgactt tgagaactct gtgagacaag gtccttaggc 50

<210> 2140
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2140
 gcaggggaagc tttgcatggt gctctaaggt acatttttaa agagttgttt 50

<210> 2141
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2141
 cgaaccaaag ctagaagcaa atgtcgagat aagagagcag atgttggaga 50

<210> 2142
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2142
 ggaaggaaaa gaggctgag aaatggctct gtataatcta tggtatccg 50

<210> 2143
 <211> 50
 <212> DNA

<213> Homo sapiens

<400> 2143

accaaggcta gaaccacctg cctatatattt ttgttaaagc atttcattca 50

<210> 2144

<211> 50

<212> DNA

<213> Homo sapiens

<400> 2144

cctctgccaa agtactctta ggtgccagtc tggtaactga actccctctg 50

<210> 2145

<211> 50

<212> DNA

<213> Homo sapiens

<400> 2145

aaaataatgc accactttta acagaacaga cagatgagga cagagctggt 50

<210> 2146

<211> 50

<212> DNA

<213> Homo sapiens

<400> 2146

gaattggggg atagatctat aatggtcact gttcaaaacg aagactagct 50

<210> 2147

<211> 50

<212> DNA

<213> Homo sapiens

<400> 2147

ccgtttgctt tcagaaaatg ttttagggta aatgcataag actatgcaat 50

<210> 2148

<211> 50

<212> DNA

<213> Homo sapiens

<400> 2148

cccaaattct ttcagtggct acctacatac aattccaaac acatacagga 50

<210> 2149

<211> 50

<212> DNA

<213> Homo sapiens

<400> 2149

aaattaataa gtcacaagaa aaacaaaagt gccagaagat gtccagccac 50

<210> 2150

<211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2150
 agaggctcct aactgggcaa ctcaagattc tggcttctac tgaagaacca 50

<210> 2151
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2151
 ggttttctac tgttatgtga gaacattagg ccccagcaac acgtcattgt 50

<210> 2152
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2152
 cagcttctgc cacttcccag gtaagcagga ggaggtgcca acagtgttag 50

<210> 2153
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2153
 accatttttg ttactctctt ccacatgtta ctggataaat tgtttagtgg 50

<210> 2154
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2154
 gtgccactaa cggttgagtt ttgactgctt ggaactggaa tcctttcagc 50

<210> 2155
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2155
 tetccaccac catctcccct ctacttetca tttcctaact ctctgctgaa 50

<210> 2156
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2156
 ggtgttgac ttaaatcagt tgaaatgtat ttctgtacca caatttacgc 50

<210> 2157
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2157
cccttccgct gttcctgaaa taacctttca taaagtgctt tgggtgccat 50

<210> 2158
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2158
ttctcatgta taaaactagg aatcctccaa ccaggctcct gtgatagagt 50

<210> 2159
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2159
agacacgtct atcagcttat tccttctcta ctggaatatt ggtatagtca 50

<210> 2160
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2160
tgtctggtaa caagatgtga ctttttgga gcaactgtgt ggttcattct 50

<210> 2161
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2161
tcctctttcc agtggatcat aagacaatgg accctttttg ttatgatggt 50

<210> 2162
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2162
actgttttgt atacttgttt tcagttttca tttcgacaaa caagcactgt 50

<210> 2163
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2163

acatagtttt tatttttggt totgtgaaag tgccaagaac cctccccac 50

<210> 2164
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2164
tcacctggac ttaagcgtct ggctctaatt cacagtgctc tttctcctca 50

<210> 2165
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2165
agatgcctgg cagggctggg tggcgattca taaagacctc gtgttgattc 50

<210> 2166
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2166
ggatagtcag gagcgtcaat gtgcttgatc atagagtgct gtatgctgtg 50

<210> 2167
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2167
ttgtgaaata tcttggtact gcttttattt agcagactgt ggactgtaat 50

<210> 2168
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2168
ctggaggacc tgttgatgct agttcagagt atcaccaaga gctggagagg 50

<210> 2169
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2169
gctgcacaag agccttgatt gaagatatat tctttctgaa cagtatttaa 50

<210> 2170
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2170
ttgcctttat aaaaacttgc tgctgacta aagattaaca ggttatagtt 50

<210> 2171
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2171
tggttctgct ttttgacctc tctctacctt ttcagggtaa tctttgtggc 50

<210> 2172
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2172
cctgtccttg tgtttgtgtg tgctaacaga aataagttgc agtatggctg 50

<210> 2173
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2173
aaaagtgttg gttttctgcc atcagtgaaa attcttaaac ttggagcaac 50

<210> 2174
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2174
agggtttggc tgtgtctaaa ctgcattacc gcgttgtaaa aaatagctgt 50

<210> 2175
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2175
cctaggctgc gctccagcac tgcggggctt ttctgcaata aagtcacgag 50

<210> 2176
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2176
ggcagcacag agacccccgg aacaagccta aaaattgttt caaataaaa 50

<210> 2177
<211> 50

<212> DNA
<213> Homo sapiens

<400> 2177
aagtcttttc cacaaaccac catctatctt gtgaactttg ttagtcatct 50

<210> 2178
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2178
tggcaagttg gaaaatatgt aactggaatc tcaaaagttc tttgggacaa 50

<210> 2179
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2179
tctgcttatg gcacaatttg cctcaaatcc attccaagtt gtatatctgt 50

<210> 2180
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2180
ccattgttgt caaatgccca gtgtccatca gatgtgttcc tccattttct 50

<210> 2181
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2181
gctgcctctg taaattcatg tattcaaagg aaaagacacc ttgcctataa 50

<210> 2182
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2182
tcaagtcagc aacagagcaa aataaagggt agataagtcc ttgtgtagca 50

<210> 2183
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2183
cttgccttaa gctaccagat tgcttttgcc accattggcc atactgtgtg 50

<210> 2184
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2184
 tggttttgaa tgcaattagg ttatgctatt tggacaataa actcaccttg 50

<210> 2185
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2185
 tgcaaggttt aggctggtgg cccaggacca tcatcctact gtaataaaga 50

<210> 2186
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2186
 gtgtggtcgg ggtgagaacc caagcgttgg aactgtagac ccgtcctgtc 50

<210> 2187
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2187
 agcagcagtg acataaaatt ccatggtaga taagcatatg ttacttacct 50

<210> 2188
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2188
 ctccacaata aggtcaatgc cagagacgga agcctttttc cccaaagtct 50

<210> 2189
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2189
 tggaggtatt caatatcctt tgcctcaagg acttcggcag atactgtctc 50

<210> 2190
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2190
 ggtgccacc attcttggcc tggtacttac ctgagatgag ctcttttaac 50

<210> 2191
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2191
 ttaagaagaa ataccacta acaagaaca agcattagtt ttggctgtca 50

 <210> 2192
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2192
 gcaagacata gaatagtggt ggaaaatgtg caatatgtga tgggcaaat 50

 <210> 2193
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2193
 gggcgcccg gagccagcca ggcagtttta ttgaaatctt tttaaataat 50

 <210> 2194
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2194
 ctgattgtag cagcctcgtt agtgcaccc cctcctcct gatctgtcag 50

 <210> 2195
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2195
 agagaacact ggacaacatt ttactactga gggaaatagc caaaaaggca 50

 <210> 2196
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2196
 catgggggca acagccaaaa taggggggta atgatgtagg ggccaagcag 50

 <210> 2197
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2197
ttctggaaga tggtcagcta tgaagtaata gagtttgctt aatcatttgt 50

<210> 2198
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2198
gggtggctct gatatagtag ctctgggtga gtttctgcat ttcaagaaga 50

<210> 2199
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2199
ttccagtcag tttttctctt aagtgctgt ttgagtttac tgaaacagtt 50

<210> 2200
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2200
aaggaccaag gagatgaagc aaacacatta agccttcac actcacctct 50

<210> 2201
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2201
aggtgcagcc tctggaagtg gatcaaacta gaactcatat gccatactag 50

<210> 2202
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2202
acttaaaagt ttagggtttt ctcttggttg tagagtggcc cagaattgca 50

<210> 2203
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2203
gtcttgtagc tagtgctgaa gcttattaat gctaagggca ggcccaaatt 50

<210> 2204
<211> 50
<212> DNA

<213> Homo sapiens
 <400> 2204
 ccagagctgc tattagaagc tgcttctgt gaagatcaat cttcctgagt 50

<210> 2205
 <211> 50
 <212> DNA
 <213> Homo sapiens
 <400> 2205
 tcctctttct cccagcttca aatgcacaat tcatcattgg gctcacttct 50

<210> 2206
 <211> 50
 <212> DNA
 <213> Homo sapiens
 <400> 2206
 cagcttcacc ctgtcaagtt aacaaggaat gcctgtgcca ataaaagggt 50

<210> 2207
 <211> 50
 <212> DNA
 <213> Homo sapiens
 <400> 2207
 ctogaatcat tgaagatccg agtgtgattt gaattctgtg atatcttccac 50

<210> 2208
 <211> 50
 <212> DNA
 <213> Homo sapiens
 <400> 2208
 cttcatctgg aagaagaggc aagggggcag gagaccaggc tctagctctg 50

<210> 2209
 <211> 50
 <212> DNA
 <213> Homo sapiens
 <400> 2209
 agactttgcc attggtgcca ttgttttctt ttgtacctga agcattttga 50

<210> 2210
 <211> 50
 <212> DNA
 <213> Homo sapiens
 <400> 2210
 aaaagtaggg gaggggctgg gtctgcaaat taataaatag aagaggggggt 50

<210> 2211

<211> 50
<212> DNA
<213> Homo sapiens

<400> 2211
gtcgcaaagg ggataatctg ggaaagacac caaatcatgg gtcacttta 50

<210> 2212
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2212
tcagtaaaca aattctttca caaggtaaa aatcttgcac aagctgaact 50

<210> 2213
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2213
gttttactta ggacaagttg taccttgccc tctctccage tctgctcca 50

<210> 2214
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2214
actggcttcc atcagtggtg actgctttgg tctcttcttt catctgggga 50

<210> 2215
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2215
tggatgtggc tgctttcaac aagatctaaa atccatcctg gatcatggca 50

<210> 2216
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2216
tgtgggtgtat atccttccaa aaaattaataaa cgaaaataaa gtagctgcca 50

<210> 2217
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2217
gtcttccatg tgaacagcat aagtttggag cactagtttg attattatgt 50

<210> 2218
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2218
gccacacccc acactctcca gcactctggca caataaacat tctctgtttt 50

<210> 2219
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2219
agctgtttcc tgggtaaadc tagagtggg ttttggttct ttattttccc 50

<210> 2220
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2220
gcaggagaca ttggtattct gggcagcttc ctaatatgct ttacaatctg 50

<210> 2221
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2221
tggttttcat atcaaaagat catggtggga ttaacttgcc tttttcccca 50

<210> 2222
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2222
atctacaagc ggagaaagtg acctagagat tgcaagggcg gggagaggag 50

<210> 2223
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2223
tgtttaaagtg gcttggtgct tttcttttct aattatgcag aataagctct 50

<210> 2224
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2224

aaaactgtac ttgattcac atgttttcaa atggagttgg agttcattca 50

<210> 2225
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2225
tccatcagag ctggctgca cactcacatt atcttgctat cactgtaacc 50

<210> 2226
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2226
gacactttcg agctcccagc tccagcttcg tctcaccttg agttaggctg 50

<210> 2227
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2227
tgttggggtt tcctttacct tttctataag ttgtaccaa acatccactt 50

<210> 2228
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2228
aggagtcttt taccgggtgt gctttgccgc agtcatcaa aataaattca 50

<210> 2229
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2229
tagggagccg caccttgta tgtaccatca ataaagtacc ctgtgctcaa 50

<210> 2230
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2230
gctgtatata aacgtgtccc gagcttagat tctgtatgcg gtgacggcgg 50

<210> 2231
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2231
tgtcttatgt gtcaaaagtc ctaggaaagt ggttgatggt tcttatagca 50

<210> 2232
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2232
gctgaatgac atattttatc ttgttcttta aatcacaac acagagctgc 50

<210> 2233
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2233
tgtctctctc tctttttctt ttctatggag caaaacaag ctgatttccc 50

<210> 2234
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2234
cagtgtactg caaggaagct ggatgcaaga tagatactat attaaactgt 50

<210> 2235
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2235
tgtattgtat gcaaatctgt gattgttggc agtgtcatct ctgagaaaca 50

<210> 2236
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2236
gggggtgttg tgtgtgtgcg cgtgtgcggt tcaataaagt ttgtacactt 50

<210> 2237
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2237
tttagtattt ttccccagg ccagatcatt cgtgagtgtg cgagtgtgtg 50

<210> 2238
<211> 50

<212> DNA
 <213> Homo sapiens

 <400> 2238
 tgctttggtt aaaggactgc agaccaagga gtcgagcttt ctctcagagc 50

 <210> 2239
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2239
 accttatttc cactctgggtg gataagttca ataaaggta tatcccaaac 50

 <210> 2240
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2240
 aatgttgctt gtcttctgtg ctgctcctgt aagtttgcta ttaaaataca 50

 <210> 2241
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2241
 accttctca tttcacagat aaggaatctt tggggattaa ccaacctct 50

 <210> 2242
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2242
 agatactcc ccaccaccaa ttgccaaagg tccaataaaa tgctcaacc 50

 <210> 2243
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2243
 gcaatccaca atctgacatt ctcaggaagc cccaagttg atatttctat 50

 <210> 2244
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2244
 tctcaggctg cgtgcagcaa cagtgccag ggctctgatg agtctctcat 50

<210> 2245
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2245
gcctccaacc atgttccctt cttcttagca ccacaaataa tcaaaaccca 50

<210> 2246
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2246
ctcatcttca acttttgtgc tccccttgc ctaaacccta tggcctcctg 50

<210> 2247
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2247
tgggggttgt aaattggcat ggaaatttaa agcaggttct tgttggtgca 50

<210> 2248
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2248
tgtgtgatg gtagcacagc aaactttag gaattagtat caatagtaaa 50

<210> 2249
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2249
cctgcctggc tctctcttcc taccctcctt ccacatgtac ataaactgtc 50

<210> 2250
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2250
agatgggaat gaagcttgtg tatccattat catgtgtaat caataaacga 50

<210> 2251
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2251
ttaagatttt tctcaaagtt ttgaaaagct attagccagg atcatggtgt 50

<210> 2252
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2252
tgcggctagt tcagagagat ttttagagct gtcgtggact tcatagatga 50

<210> 2253
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2253
ccattttgcc tttctgacat ttccttggga atctgcaaga acctcccctt 50

<210> 2254
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2254
ttccgtttgg tagactcctt ccaatgaaat ctcaggaata attaaactct 50

<210> 2255
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2255
ggcagagaag gaggagtatg agcatcagaa gagggagctg gagcaaatct 50

<210> 2256
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2256
agcagccttt ctgtggagag tgagaataat tgtgtacaaa gtagagaagt 50

<210> 2257
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2257
aatgataact aatgacatcc agtgtctcca aaattgtttc cttgtactga 50

<210> 2258
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2258
tccctctggg actggacaat tgcttcaagc attcttcaac cagcagatgc 50

<210> 2259
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2259
cggctacatg cctcagtga gactagtag ttctgctac aacttcagca 50

<210> 2260
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2260
catgagtcaa gacatcctg cttctaccat gtggatttgg tcacaaggtt 50

<210> 2261
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2261
gtcagaggtc ctgtctggat ggaggctgga ggctcccccc tcaaccctc 50

<210> 2262
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2262
cctgatacac aattatgacc agaaaatag gtcctatgaa ggtgctactt 50

<210> 2263
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2263
attcaattcc agagtagttt caagtttcac atcgtaacca ttttgcgccg 50

<210> 2264
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2264
tggaaatgtc atctaaccat taagtcatgt gtgaacacat aaggacgtgt 50

<210> 2265
<211> 50
<212> DNA

<213> Homo sapiens

<400> 2265
aattcccaga ttggaagaca aaaatactct aattctaacc agagcaagct 50

<210> 2266
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2266
tggcagctac ccccttcttg agagtccaag aacctggagc agaaataatt 50

<210> 2267
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2267
ttccttcagg atgatctaga gcagcatgga gctgttgga gaatattagt 50

<210> 2268
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2268
tgccaagcac agtgctgca tgtatttatc caataaatgt gaaattctgt 50

<210> 2269
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2269
accactgtat gtttacttct caccatttga gttgcccatc ttgtttcaca 50

<210> 2270
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2270
ggctgagggg tctgctgtcc tgtgccacc cattaagtg cagttcctcc 50

<210> 2271
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2271
accatccaat cggacaagct ttcagaacct tattgaagga tttgaagcac 50

<210> 2272

<211> 50
<212> DNA
<213> Homo sapiens

<400> 2272
agtctctaaa gagtttattt taagacgtgt ttgtgtttgt gtgtgtttgt 50

<210> 2273
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2273
tggaagacta aagaggtgca atgtgatctg agcctccatc attgtcctcc 50

<210> 2274
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2274
gcagccagca gatctcagca gccaggtcca aataaacgtc ctgtctagca 50

<210> 2275
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2275
ggtaggagca accactgact ggtcttaagc tgttcttgca taggctctta 50

<210> 2276
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2276
tcagctacac tttgttttta agtttgtttt tgacatgttt atttgcaaaa 50

<210> 2277
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2277
tccccctcc gcctcccagg aagaaagaat gttactgcct taataaaaaa 50

<210> 2278
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2278
gtgaatttgg gctcacagaa tcaaagccta tgcttgtag ctcttgaaca 50

<210> 2279
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2279
 tccttccttt ccaactgaaaa gcacatggcc ttgggtgaca aattcctctt 50

 <210> 2280
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2280
 agaaatgttc agtaatgaaa aaatatatcc aatcagagcc atcccgaaaa 50

 <210> 2281
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2281
 ttttaacttt taaggttgaa aagacaatag cccaaagcca agaaagaaaa 50

 <210> 2282
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2282
 gcactccttt gtcataact ctgcatcact gtcataactca caacttcgtg 50

 <210> 2283
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2283
 tggcagtggg aaaaatgtag gagactgttt ggaaattgat tttgaacctg 50

 <210> 2284
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2284
 catgcaaata aaaagaatgg gacctaaact cgtgccgctc gtgccgaatt 50

 <210> 2285
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2285

ggattgccca tccatctgct tacaattccc tgctgctgctc ttagcaagaa 50

<210> 2286
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2286
gagcactgga ttgctttccc attatgagcg tccttcatct gggcagaccc 50

<210> 2287
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2287
aaccggatat atacatagca tgacatttct ttgtgctttg gcttacttgt 50

<210> 2288
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2288
atgtgtttgc atccctcccc cacaccctgg tgttttaaaa tgaagaaaa 50

<210> 2289
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2289
aaactcctgc ttaaggtggt ctaattttct gtgagcacac taaaagcgaa 50

<210> 2290
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2290
gacatgctgg ctgggcagct gttagagtcc aacgtggggc agcacagaga 50

<210> 2291
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2291
accaaaattc agtgaaggca ttctacaagt tttgagttag cattacattt 50

<210> 2292
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2292
taacactgca tcggatgcgg ggcgtggagg caccgctgta ttaaaggaag 50

<210> 2293
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2293
tccatcgagc acgtctgaaa cccctggtag ccccgacttc tttttaatta 50

<210> 2294
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2294
cagtcactgg tgtcacctg gataggcaag ggataactct tctaacacaa 50

<210> 2295
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2295
gggaagcact cgtgtgcaac agacaagtga ctgtatctgt gtagactatt 50

<210> 2296
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2296
tctatgagct ttgtcagtgc gcgtagatgt caataaatgt tacatacaca 50

<210> 2297
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2297
atatggtgct gttttctacc cttggaaaga aatgtagatg atatgtttcg 50

<210> 2298
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2298
ttgctaggcg agataggggg aagacagata tgggtgtttt taataaatct 50

<210> 2299
<211> 50

<212> DNA
<213> Homo sapiens

<400> 2299
aagttgcttc ctaacatcct tggactgaga aattatactt acttctggca 50

<210> 2300
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2300
ctcaggcaaa gaaatgaaa tgcataattg caaagtgtat taggaagtgt 50

<210> 2301
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2301
tggaagagag gaataaataa ttcacctata tgtgtttgag gttgtgacag 50

<210> 2302
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2302
gcctgagcaa agggcctgcc cagacaagat tttttaattg tttaaaaacc 50

<210> 2303
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2303
aatgacaca tctgtgcaat agaatgatgt ctgctctagg gaaaccttca 50

<210> 2304
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2304
atatttttat ttgtttcagt tcagataatt ggcaactggg tgaatctggc 50

<210> 2305
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2305
ttcccaggac cgaacaagtt ccagaaaaga ctgaagaata atcacaattc 50

<210> 2306
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2306
ttccttatct ccctcagacg cagagttttt agttttctta gaaattttgt 50

<210> 2307
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2307
ttttggaggg gtttatgctc aatccatggt ctatttcagt gccaaataaaa 50

<210> 2308
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2308
cattgagtgg cgcagagccg ggtttcatct ggaattaact ggatggaagg 50

<210> 2309
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2309
tggaaattcc cgtgttgctt caaactgaga cagatgggac ttaacaggca 50

<210> 2310
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2310
tggaaattcc cgtgttgctt caaactgaga cagatgggac ttaacaggca 50

<210> 2311
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2311
cgtcctgcgg agccctgtct cctctctctg taataaactc atttctagcc 50

<210> 2312
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2312
tttccctgat tatgatgagc ttccattggt ctgtaagtc ttgaagagga 50

<210> 2313
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2313
 caaatgcaac ctcacaacct tggctgagtc ttgagactga aagatttagc 50

<210> 2314
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2314
 gggacactgg aggctggagc tacagttgaa agcactgcat gttaagaggg 50

<210> 2315
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2315
 tctgtcatgc ccacaatccc tttctaagga agactgcctt actatagcag 50

<210> 2316
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2316
 ggagaaatag gaatttgtga acccctaaaa ttgtagcaac tttgaaaggt 50

<210> 2317
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2317
 acaagagtat ccacaaaata ggttggcact gactatatct ctgcttgact 50

<210> 2318
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2318
 gccctcctga aacttacaca caaacgtta agtgatgaac attaaatagc 50

<210> 2319
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2319
 aaaccatcta ctatatgtta gacatgacat tctttttctc tccttctga 50

<210> 2320
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2320
 gtgtatctcg tggaatcagt ggtagcatt gccgtatta tatttactca 50

<210> 2321
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2321
 ttgtgatgtt aagaaatttg tatggtgtgg cagtggctca ttcctaagga 50

<210> 2322
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2322
 cggatgactg accaagaggc tattcaagat ctctggcagt ggaggaagtc 50

<210> 2323
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2323
 cctaaatctg tgtgtgtatt gtgaagtgtg ataagaaatg actttgaacc 50

<210> 2324
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2324
 caggctgagg tggaccaaga aggcaaccaa gtccccagag gagaccgcg 50

<210> 2325
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2325
 gaatgtaggg aagagggtgcc aagccaaccg tggggtagc tctaattatt 50

<210> 2326
 <211> 50
 <212> DNA

<213> Homo sapiens

<400> 2326
acggggatgt cagggaggca agtgtgttgt gttactgtgt caataaactg 50

<210> 2327
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2327
ggcagaatgg gccaaaagct tagtgttgtg acctgttttt aaaataaagt 50

<210> 2328
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2328
caagatgggg tgggggatat tgaggagac agcgctaagg atggttttat 50

<210> 2329
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2329
taggcttcta tttcctttcc acccactctt cacaggctat tctactttaa 50

<210> 2330
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2330
ggtaaccagg tccaatcagt aaaaataagc tgcttataac tggaaatggc 50

<210> 2331
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2331
tctgttttaa gtaacagaat tgataactga gcaaggaaac gtaatttggg 50

<210> 2332
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2332
tgcctttaat tgttctcata atgaagaata agtaggtacc ctccatgccc 50

<210> 2333

<211> 50
<212> DNA
<213> Homo sapiens

<400> 2333
tgccattaag caggaatgtc atgttcagc tcattacaaa agaaaacaat 50

<210> 2334
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2334
acctgttttg tatactgag agcctgctat gttcttcttt tgttgatcca 50

<210> 2335
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2335
ctgcttcctt cagtttgtaa agtcggtgat tatatttttg gggctttcc 50

<210> 2336
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2336
agcatacttc tttttccag tttcaatcta actgtgaaag aaacttctga 50

<210> 2337
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2337
gaactctaac acttctctcc tccactctga gccccctgac ctccaaacc 50

<210> 2338
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2338
ccagtgcgtg ctgtctgtgg agtgtgtctc atgctttcag atgtgcatat 50

<210> 2339
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2339
ccctgccaca tgggtccagc gttcatctga gcataactgt actaaatcct 50

<210> 2340
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2340
tgcttaaggc aagagtttca gatttactgt tgaataaac ccaactgttc 50

<210> 2341
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2341
cctgaccctt cccatccttc ccatttcctt tgatgttatt ttgttacagc 50

<210> 2342
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2342
taagtccctg ctgcccttcc ccttcccaca ctgtccattc ttctcccat 50

<210> 2343
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2343
tgatgtgatt gtagcttttt aaactatgaa acccctgaga gattgtacct 50

<210> 2344
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2344
cccaaagggt cctaagcctg gctgcaaaga agaatcaaca gggacacttt 50

<210> 2345
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2345
tagaagtttg ctttttcctt gctgtcttg gtcactacca cctcttcctt 50

<210> 2346
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2346

tgaccagcac tgtctcagtt tcactttcac atagatgtcc ctttcttggc 50

<210> 2347
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2347
ctgcccattc cagcctcacc atcaccctgc taatgactgc cagactgtgg 50

<210> 2348
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2348
ttcctgaagc tgttcccact ccagatggg tttatcaata gcctagaggt 50

<210> 2349
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2349
ggattacctt tccttgtaaa gaggatgctg ccttaagaat tgcattgtgt 50

<210> 2350
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2350
gggtcttgg tgtttttaaa tgattgttcc ttcttcatgc ttttgettgc 50

<210> 2351
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2351
catggggcgg gggcgggacc agggagaatt aataaagttc tggacttttg 50

<210> 2352
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2352
atntaaagca cagtttgttt ttctgtcacc tatagagtgc aagaatgcac 50

<210> 2353
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2353
cagcactgtc tccagatagg aacatgcaca aagcagtaa ttaggcagcc 50

<210> 2354
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2354
ctccccctccc attcctctgg tcctgcctt ggtcccttgc ctgggaagag 50

<210> 2355
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2355
aaggttggtt aaaagatggc agaagaaga tgaaaataaa taagcctggt 50

<210> 2356
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2356
ctcatcaccg gttctgtgcc tgtgctctgt tgtggtggag ggaaggactg 50

<210> 2357
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2357
tttgcttggc aacacgactt gaaataaata aaactttggt tcttaggaga 50

<210> 2358
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2358
aaaagaaatc tgtttcaaca gatgaccgtg tacaataccg tgtggtgaaa 50

<210> 2359
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2359
gacgccacac accattttca gatgccgttg caattaaatc ttgccacact 50

<210> 2360
<211> 50

<212> DNA
<213> Homo sapiens

<400> 2360
atgttttagt aacagttggc tgtaatcact cctcgccgtg tctggcactg 50

<210> 2361
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2361
agttctgCGT ttggcatctt cactctttcc aaaatgtatc tgtacatcag 50

<210> 2362
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2362
tgtgtttgca gagctagtgg atgtgtttgt ctacaagtat gattgctggt 50

<210> 2363
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2363
aaatctgggg aagaggtttt atttacattt tagggTgggt aagaaagcca 50

<210> 2364
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2364
cagagcggag gctgggatct agcgagagag atgcagaaga tgtgaagaaa 50

<210> 2365
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2365
cgtttgagg ggcggtttct ggtagttgtg gcttttatgc tttcaaagaa 50

<210> 2366
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2366
gggTggggag ggatggggag tCGgttagtc attgatagaa ctactttgaa 50

<210> 2367
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2367
tgcagaaaca gaaaggtttt cttctttttg cttcaaaaac attcttacat 50

<210> 2368
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2368
agattaactg ctggacctcc tacctgcatt atctcattct ggcttccttg 50

<210> 2369
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2369
ctttgtggtt ttaaagacaa ctgtgaaata aaattgtttc accgcctggt 50

<210> 2370
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2370
gaactcagct gggttggtga attaactaat ggaagacatg aaattgttcc 50

<210> 2371
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2371
acgatgatgg ttacccttca tggacgtctt aatcttccac acacatcccc 50

<210> 2372
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2372
ttcagttcta ataatgtcct taaattttat ttccagctcc tgttccttgg 50

<210> 2373
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2373
gcctttccat tccatttatt cacactgagt gtcctacaat aaacttccgt 50

<210> 2374
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2374
tgcattatcc agaactgaag ttgcctact tttactttg aacttgcta 50

<210> 2375
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2375
gcccagtaag aactcatgt ggctagtgtt tgccgaatga aactcaactc 50

<210> 2376
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2376
taagtcttat gccaaattca gtgctactcc tcgttacatg acatacaact 50

<210> 2377
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2377
aagtgagtgg acagcctttg tgtgtatctc tccaataaag ctctgtgggc 50

<210> 2378
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2378
tctccaagtc ttgggtgaa gagaagatat atgactgttg agtggctct 50

<210> 2379
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2379
ggggaattgt cgctcctgc tcttttgta ctgagtgaga taaggttgtt 50

<210> 2380
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2380
 tggcatcctc aggggttgatg atccagctcc atatattggt taccttcaaa 50

<210> 2381
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2381
 cgggcaactgg gtggggcagg gcacgagtta tttaaacag ttacactgca 50

<210> 2382
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2382
 cggacatctt ttccgttgcg gtttgagaat gttcctataa taaaccctc 50

<210> 2383
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2383
 tttggcctgt tttgatgat gtgtgaaaca atgttgcca acaataaaca 50

<210> 2384
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2384
 agcgagctgc tctgctatgt ccttaagcca atatttactc atcaggctcat 50

<210> 2385
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2385
 tgtagttggg gtagattatg atttaggaag caaaagtaag aagcagcatt 50

<210> 2386
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2386
 gcgatggaca gactcacaac ctgaacctag gaggccccca ttcttttgta 50

<210> 2387
 <211> 50
 <212> DNA

<213> Homo sapiens

<400> 2387

gctcaggagg gtacaagctc cagaacagta accaagtggg aaaataaaga 50

<210> 2388

<211> 50

<212> DNA

<213> Homo sapiens

<400> 2388

ctggattcat gcagccagct ttgcaggta tcagagatca aagattgtaa 50

<210> 2389

<211> 50

<212> DNA

<213> Homo sapiens

<400> 2389

tatcatgggg agtaatagga ccagagcggg atctctggca ccacactagc 50

<210> 2390

<211> 50

<212> DNA

<213> Homo sapiens

<400> 2390

ctgtggaaaa atatttaaga tagttttgcc agaacagttt gtacagacgt 50

<210> 2391

<211> 50

<212> DNA

<213> Homo sapiens

<400> 2391

actctcaaat aattaaag gactgtattg ttgaacagag ggacaattgt 50

<210> 2392

<211> 50

<212> DNA

<213> Homo sapiens

<400> 2392

aactcatggg aataattgtg agtcagcgta acatttcaag agtctaaagg 50

<210> 2393

<211> 50

<212> DNA

<213> Homo sapiens

<400> 2393

tgctcctgtt ctgtcacttg tcatgggtctt tcttgggtatt aaaggccacc 50

<210> 2394

<211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2394
 ggggttgtaa atatcaacta ttcaacagtt taggatgcaa ttacgagtgt 50

<210> 2395
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2395
 aatcttatgt ttccaagaga actaaagctg gagagacctg acccttctct 50

<210> 2396
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2396
 tgcaccaggt gttggaaaaa cacaattatg gtaaaataaa gtgttctct 50

<210> 2397
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2397
 aatgggcaca caggaacag gaaatggaa tgagagcaag ggttgggttg 50

<210> 2398
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2398
 tcttctcat ctctgttttg ctcttaaaaa tataaaaagg caattccccg 50

<210> 2399
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2399
 agatgtaacc caccttgacc ataaattggc ttttcatagt gctcagatgt 50

<210> 2400
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2400
 ctaggctctg ggcacatttc ctgttcttga attctgctcc tgaagagggt 50

<210> 2401
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2401
taccctgccc ctctttttcg gtttgttttt attctttcat ttttacaagg 50

<210> 2402
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2402
gtgctctaac ttatccatct ttgaacttct gactacttgt tgtatctgct 50

<210> 2403
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2403
cctttaaacc aataaggcgc tttcattttg cactctaact taagagtttt 50

<210> 2404
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2404
tctgacctcc tgcggctggt ggatttggga atgaccttgg tgagagtctc 50

<210> 2405
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2405
atactctgag ctgtggactg aactggcaga cacaacctgt acagattgaa 50

<210> 2406
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2406
aaggaattat gtggctcagt cattgttttt taaactggaa atcattttgt 50

<210> 2407
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2407

tgctcttaaa accagggagt cagataatatt tgtaaggta aatcattggt 50

<210> 2408
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2408
 gccaaaaatc tgtcttgaag gcagctacac tttgaagtgg tctttgaata 50

<210> 2409
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2409
 cctctcagga cgtgccgggt ttatcattgc tttgttattt gtaaggactg 50

<210> 2410
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2410
 tgactatctg taatggatca attttgata tgactttggg tgggggtaaa 50

<210> 2411
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2411
 cgagctgaga agcggtcag agcacctggg gattttagta agtgtgtctt 50

<210> 2412
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2412
 ggtagtgctt ccaggggcag aggaaaagaa gaagtgttac tgcattttgt 50

<210> 2413
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2413
 atggtcagat tagatgcaag aataaagcag ttgtccgagt ctaagtttct 50

<210> 2414
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2414
tggattctg ttctgaagtc taggatattt ttcagcctat aaagccccct 50

<210> 2415
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2415
acttaccag atggttcttt tgaaaagttg aaatgtgtaa ttgttttggga 50

<210> 2416
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2416
agcggactca ggctccagct gtggctacaa catagggttt ttatacaaga 50

<210> 2417
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2417
ttattgtggc aaatgtgtgc tgacttactg tttcaacaaa ccagaagaca 50

<210> 2418
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2418
tggacagtag cattagaatt gtggaaaagg aacacgcaaa gggagaagtg 50

<210> 2419
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2419
ctggtaaatt ttgtgcttat cttcaaggct ggcttaagta taaaattggt 50

<210> 2420
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2420
ccctggctcc ttcagacacg tgcttgatgc tgagcaagtt caataaagat 50

<210> 2421
<211> 50

<212> DNA
 <213> Homo sapiens

 <400> 2421
 gttaacttcc aggagttcct cattctgggtg ataaagatgg gctggcagcc 50

 <210> 2422
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2422
 cctgtctcgt ggcaacaagg ctatgttctg ttaggagtta ccttaactg 50

 <210> 2423
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2423
 agtcagatct ttctccttga atatctttcg ataaacaaca aggtgggtg 50

 <210> 2424
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2424
 tcctataatt atttctgtag cactccacac tgatctttgg aaacttgccc 50

 <210> 2425
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2425
 ccacgggtga tgcttccagg ggttctggcg ggagtctcag ccgaagagag 50

 <210> 2426
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2426
 gaaattgctt ttctccttga accacagttc taccocctggg atgttttgag 50

 <210> 2427
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2427
 accagactga caaatgtgta tcggatgctt ttgttcaggg ctgtgatcgg 50

<210> 2428
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2428
ccactgtcac tgtttctctg ctggtgcaaa tacatggata acacatttga 50

<210> 2429
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2429
cgaagaagag ccacagtgag ggagatccca tccccttgct tgaactggag 50

<210> 2430
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2430
gacctgatac ggctccccag tacacccac ctcttccttg taaatgat 50

<210> 2431
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2431
ctcaagcgtc ctgggatctc cttctccctc ctgtcctgct cttgccctc 50

<210> 2432
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2432
cctcaagga ggagtgatct tcaccaccaa gaagggccag cagttctgtg 50

<210> 2433
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2433
tcctgtgtgt catggttggt tttgtactt gtattgtcat ttggagaaac 50

<210> 2434
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2434
tcctgtgatg gaaatacaac tggatcttc acttttttag gaattggaa 50

<210> 2435
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2435
aatttgcagt aaacttttaa ttaaagtctc atctggtaac tcaacacccc 50

<210> 2436
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2436
gctgcttttg aggagaaaat atatagcttt ggacacgagg aagatctaga 50

<210> 2437
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2437
aaacgcttgg agtgcttctg aatatacaga agttccattt aagggaagt 50

<210> 2438
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2438
tgcacgtgt ttctacctt agtaccttgc cactctttaa aaacgctgct 50

<210> 2439
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2439
gaccttcctg ccaccagtca ctgtccctca aatgaccaa agaccaatat 50

<210> 2440
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2440
agacctttct ttgggactgt gtggaccaag gagcttccat ctagtgacaa 50

<210> 2441
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2441
gctcagtaac ataactgctt cttggagctt tggaatattt tatcctgtat 50

<210> 2442
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2442
ttctgcacag gtctctgttt agtaaataca tcaactgtata cggatcagga 50

<210> 2443
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2443
cgggccttgc atataaataa cggagcatac agtgagcaca tctagctgat 50

<210> 2444
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2444
agagatgcct ttgtttgatg agattcaaac ttgatgctat gctttaaat 50

<210> 2445
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2445
agtcccattc ttcttttca atacctaccc ccaaattctt ccttaaccct 50

<210> 2446
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2446
tgtcacactg gctatcaaag aataagaaaa ttattgagta tgagtgtgtt 50

<210> 2447
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2447
gcaaaaccca gaagctaaaa agtcaataaa cagaaagaat gattttgaga 50

<210> 2448
<211> 50
<212> DNA

<213> Homo sapiens

<400> 2448
 ttgtgaccaa atgggcctca aagattcaga ttgaaacaaa caaaaagctt 50

<210> 2449
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2449
 aaggttctat taaccacttc taagggtaca cctccctcca aactactgca 50

<210> 2450
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2450
 gttgtatcac ccccgagtta gcatatccca ggctcgaga ctcaacacag 50

<210> 2451
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2451
 ccacttgagt ttgtcctcca agggtaggtg tctcatttgt tctggcccct 50

<210> 2452
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2452
 tctgtctct ctctcctta ctcttgata aataaacagc ctgtgagcac 50

<210> 2453
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2453
 cctgaccctc tttgaattaa gtggactgtg gcatgacatt ctgcaatact 50

<210> 2454
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2454
 tctaaacttt attttcaaaa gcttaaggcc caaatacaaa cttctctgga 50

<210> 2455

<211> 50
<212> DNA
<213> Homo sapiens

<400> 2455
catggtgata gctgaaaga gctttcctca ctagaaacca aatggtgtaa 50

<210> 2456
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2456
ggagaaggat tagaaagtta tgtggcagat aaagaattcc atgcacctct 50

<210> 2457
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2457
acagtttttc ttttgaattt agtatttgag atgagttggt gggacatgca 50

<210> 2458
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2458
gatctagtct gttacacat ttagaacttt cctcagccat tatcagtcac 50

<210> 2459
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2459
agcatggtaa gttcccttag ctatatgaat tttggcatgt ttcagagaga 50

<210> 2460
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2460
acatttttat tctttctact gagggcattg tctgttttct ttgtaaatgc 50

<210> 2461
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2461
aaaaggaaaa ccgaattagg tccacttcaa tgtccacctg tgagaaagga 50

<210> 2462
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2462
cctatccccg gatgtgtgag aataatgtgt tcataaagca tggatctcgt 50

<210> 2463
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2463
ccagtgctcta ttctgggta gagaagtgct tactaagggg ttttctaata 50

<210> 2464
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2464
gggtgatctg cttttatcta aatgcaaata aggatgtggt ctctgagacc 50

<210> 2465
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2465
gggagtgttg tgactgaaat gcttgaaacc aaagcttcag ataaacttgc 50

<210> 2466
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2466
gagccaatcc actccttctt ttctatcatt cccctgcccc cctccttcca 50

<210> 2467
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2467
cttctgtac ctctcccca cagcttgctt ttgttgacc gtctttcaat 50

<210> 2468
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2468

gctgctgcca cgccttcctg cctgtcattt gaataaacag tgtttctatt 50

<210> 2469
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2469
tgggactcat ccaaaagga cgagaagaaa gaagaaggaa cctgattcgg 50

<210> 2470
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2470
tcaagactgc ctttatgctg gatcatgtgc tactgggtata aagttctggc 50

<210> 2471
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2471
gtacaccct caaccctatg cagcctggag tgggcatcaa taaaatgaac 50

<210> 2472
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2472
ccatgagact gatccctggc cactgaaaag ctttctgac aataaaaatg 50

<210> 2473
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2473
ttgggaagtg accatttcta ggcttataca taatagcaat aataaaggct 50

<210> 2474
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2474
atgtggtaaa acccagaaag catccatcat gaatgcaaga tactttcaat 50

<210> 2475
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2475
ttcacattgt attcagagtt gatggttgta catataagtg attgctggtt 50

<210> 2476
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2476
gccactgggt tctcagaatc caaagatcac atattctagt gtaacactgc 50

<210> 2477
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2477
ctgtgctttt tgcttgggat aatggagttt ttctttagaa acagtgcaa 50

<210> 2478
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2478
tatcagacta gtgacaagct cctggctctg agatgtcttc tcgttaagga 50

<210> 2479
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2479
agggcttgag gtgaatttca ttaaaggaa taatatgatg ccactttgca 50

<210> 2480
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2480
ttgacctccc atttttacta tttgccaata ctttttcta ggaatgtgct 50

<210> 2481
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2481
agcgggaagg attttgggta aatctgagag ctgcgataaa gtcctaggtt 50

<210> 2482
<211> 50

<212> DNA
 <213> Homo sapiens

 <400> 2482
 tgatgtttga tggacctatg aatctattta gggagacaca gatggctggg 50

 <210> 2483
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2483
 agccctgagg atgaacaacc tcagagaaga ggtggttag agcaaggaaa 50

 <210> 2484
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2484
 aataaatttg caaaaccaag atcacagtac accatatgca ctctggtacc 50

 <210> 2485
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2485
 tttggagtgg aggcattggt ttaagaaaa acatgcatg taggtgtct 50

 <210> 2486
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2486
 gcgggggtgg acagggaggc agcttgtgaa tttttgtttt actgtttaac 50

 <210> 2487
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2487
 aacttcagat acttgtgaac atgccttata tttgtccaac aactgtcaga 50

 <210> 2488
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2488
 gaaggggttg cctgcctggc tggggaggtc agtaaacttt gaatagtaag 50

<210> 2489
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2489
aagatgtacc cttcaggtga acctggatc agaccacag tacttggtgt 50

<210> 2490
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2490
agcaagatag ccaaatgtga catcaagctc cattgtttcg gaaatccagg 50

<210> 2491
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2491
agtggaatgt tctatcccca caagaaggat tatatcttat agacttgctt 50

<210> 2492
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2492
cccgtggccc tggagcctca ataaagtgtc cctttcattg actggagcag 50

<210> 2493
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2493
ttatgcattt atcacttcca aatctaactt tgcacaagta acccatgtaa 50

<210> 2494
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2494
tccgcactat ataattcgca cacattaatt agggtttatg taccatacaa 50

<210> 2495
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2495
gcttgtgacc atttgtatg gcttgtctgg aaacttctgt aaatcttatg 50

<210> 2496
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2496
 tgctgattta tgcaaagggc tggcattctg atgcttttca ggtttaatcc 50

<210> 2497
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2497
 tgcattctgg cagttctttt aggattatag gttgcaaatt atccaaatat 50

<210> 2498
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2498
 ccgacagccc agcctagccc acttgatc catabaagcaa gctcaacctt 50

<210> 2499
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2499
 tttgctgta gtcgggtag agttggctct acgcgaggtt tgtaataaa 50

<210> 2500
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2500
 cagactgcta gtgttctgtc taaaaccag acaaggaaat acccttcttt 50

<210> 2501
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2501
 tttccagtg aggtaaaata aggcataaat gcagtaatt attcccagct 50

<210> 2502
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2502
 ccggcacttc tagtgggtctc acctggagggc aagagggagg gtacagagcc 50

<210> 2503
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2503
 tttagagtct tccattttgt tggaattaga tcctcccctt caaatgctgt 50

<210> 2504
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2504
 ttctccttca cagctaagat gccatgtgca ggtggattcc atgccgcaga 50

<210> 2505
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2505
 tttccagcaa gtatccaacc aacttggttc tgcttcaata aatctttgga 50

<210> 2506
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2506
 atgacttgca tcccagcttt ccaccaacca aattcaaaaca ttcactgctt 50

<210> 2507
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2507
 tgtatgagac tttttgttgc aaaggacaca tttatcatat tcattcacac 50

<210> 2508
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2508
 tgatctgtcc agtgtcactc tgtaccctca acatatatcc cttgtgcgat 50

<210> 2509
 <211> 50
 <212> DNA

<213> Homo sapiens
 <400> 2509
 aattcacccc tcccacctct ttcttcaatt aatggaaaag cgtaagggga 50

<210> 2510
 <211> 50
 <212> DNA
 <213> Homo sapiens
 <400> 2510
 ctcagtactt tgcagaaaac accaaacaaa aatgccattt taaaaaaggt 50

<210> 2511
 <211> 50
 <212> DNA
 <213> Homo sapiens
 <400> 2511
 agccttcagt cagagctcaa accttagtca acaccagaga attcacatga 50

<210> 2512
 <211> 50
 <212> DNA
 <213> Homo sapiens
 <400> 2512
 aaccctctaa gaatacctgt ttaagtcttg agtgttgaaa ggaattgttt 50

<210> 2513
 <211> 50
 <212> DNA
 <213> Homo sapiens
 <400> 2513
 ccactgctg aaaggtttgc acagatgcat gccacagtag atgtccacat 50

<210> 2514
 <211> 50
 <212> DNA
 <213> Homo sapiens
 <400> 2514
 tcaggagtgg gttgatttca gcacctacag tgtacagtct tgtattaagt 50

<210> 2515
 <211> 50
 <212> DNA
 <213> Homo sapiens
 <400> 2515
 ccttcagtta tactttcaat gaccttttgc gcatctgtta aggcaaaaca 50

<210> 2516

<211> 50
<212> DNA
<213> Homo sapiens

<400> 2516
aagtgaacaa aataagcaac taaatgagac ctaataattg gccttcgatt 50

<210> 2517
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2517
cacaacaaa tttgatgcca tctgctcagt aatataattt gccattttta 50

<210> 2518
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2518
acattgtaat agaaacagat ttcccaaatt ccagcctggc atgaggtaat 50

<210> 2519
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2519
cagactgaat agatcttaac tgtctcctac atgtgtgttt tcaaatgtgt 50

<210> 2520
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2520
gatatcccag cgggtgtact toggagacac ctgtctgcat ctgactgagc 50

<210> 2521
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2521
acactttcct ctgccttttt ctcttatatg tgggttcatt gttcagttcg 50

<210> 2522
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2522
agataatgac accagtcctc ttccttcact tcttgttgta attgcagcca 50

<210> 2523
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2523
ccggcacaca gggactaggt ctagtgagaa catcaggagc agccagggat 50

<210> 2524
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2524
catcggggttt tgggtgtgtg ttttcatagc gtggttactt tctataatgc 50

<210> 2525
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2525
atgtatttct ttctgactag acttgtgata tgcgtgtgtt tatgtacaga 50

<210> 2526
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2526
gttctgtatc agttgaattt ttgtgtcttt ttccctgtgt acgtgggtgt 50

<210> 2527
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2527
catttatgag ttccatgata tgtgggtctaa gaaagaccaa acagatttct 50

<210> 2528
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2528
aaatcgggttg ggtaccatgc tttttctccc cttcacgttt gcagttgatg 50

<210> 2529
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2529

gttcatgttg gaaagaatga aaacaacttc aagttcatag gcagccagcc 50

<210> 2530
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2530
tgtcatttaa agacatcagg ttcatctggt tactgagcta gaaacatagt 50

<210> 2531
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2531
atctgggtgcc aatgaagat ttttaggagt gattactaat tatcaagggc 50

<210> 2532
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2532
ttctgcactg ggaggtgtaa tacatcacia agacaagaa aacgcatact 50

<210> 2533
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2533
agttgaagga aatgttcat gttcatatgt acttgtttgc tatgactaca 50

<210> 2534
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2534
cactggggaa gtcaagaatg gggcctgggg ctctcagga gaactgcttc 50

<210> 2535
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2535
ccctagatag agcagtttat acccacacac ctgtctacag tgtcattcaa 50

<210> 2536
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2536
gaaagtgett agctctctcc ctctgacct ctgggcagcc agtcatcaaa 50

<210> 2537
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2537
atcatgtatg caatactttc cccctttttg ctttgctaac caaagagcat 50

<210> 2538
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2538
ctgctgtctc ttcagtctgc tccatccatc acccatttac ccctctctca 50

<210> 2539
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2539
tatagaaaat gtacagttgt gtgaatgtga aataaatgtc ctcaactccc 50

<210> 2540
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2540
ggcctgttcc aaagagcaat attccagtaa atgcagactg ctgcaaagct 50

<210> 2541
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2541
agctgctgac ttgactgtca tctgttctt gttagccatt gtgaataaga 50

<210> 2542
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2542
gaactgactt caaaggcagc ttctggacag gtggtgggag gggacccttc 50

<210> 2543
<211> 50

<212> DNA
 <213> Homo sapiens

 <400> 2543
 ggagaggctc tgttccagc cagttagttt tctctgggag acttctctgt 50

 <210> 2544
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2544
 tttctattcc atacttctgc ccacgttggtt ttctctcaaa atccattcct 50

 <210> 2545
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2545
 cctgtacaca gccgagcagc atttccgttg aaggacttgc atccccattg 50

 <210> 2546
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2546
 ttgatgctta gtggaatgtg tgtctaactt gctctctgac atttagcaga 50

 <210> 2547
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2547
 aagaagtaa catgaactct tgaagtcaca ccagggcaac tcttgggaaga 50

 <210> 2548
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2548
 ggtgatctc caaccaggcc agagaagatt ctacacagaag gttttgaact 50

 <210> 2549
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2549
 ggctgggaaa ctgttggtgg ccagtgggta ataaagacct ttcagtatcc 50

<210> 2550
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2550
ggttcgctct actatggaga tcaacagtta ctgtgactga gtcggccat 50

<210> 2551
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2551
gctcacactc agcgtgggac cccgaatggt aagcaatgat aataaagtat 50

<210> 2552
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2552
ctgctcgccc ctatcgctcc agccaaggcg aagaagcacg aacgaatgtc 50

<210> 2553
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2553
acctgccacc atgttttgta atttgaggtc ttgatttcac cattgtcggc 50

<210> 2554
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2554
aacgaaagga agttctgttg gaagcatctg aagaaactgg aaagagggtt 50

<210> 2555
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2555
acatttacct gaatgttgtc tgaggactga actgtggact ttactattca 50

<210> 2556
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2556
aatccagct gcagaacag acacccaat gctatttaca tacagctcta 50

<210> 2557
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2557
 ccccgctcct cacttttccc ttttcattcc caccocctag actttgattt 50

<210> 2558
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2558
 ttcaggcact aagaggggct ggacctggcg gcaggaagcc aaagagactg 50

<210> 2559
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2559
 cgcaacaatc catctctcaa gtagtgtatc acagtagtag cctccagggt 50

<210> 2560
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2560
 cccaggctag ggggctatag aaacatctag aaatagactg aaagaaaatc 50

<210> 2561
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2561
 acctacaaaa aagttactgt ggtatctatg agttatcacc ttagctgtgt 50

<210> 2562
 <211> 50
 <212> DNA
 <213> Homo sapiens

 <400> 2562
 tgggtgttag tggataccac atcggaagtg attttctaaa ttggatttga 50

<210> 2563
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 2563
tcactatctt tctgataaca gaattgccaa ggcagcggga tctcgtatct 50

<210> 2564
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2564
gaaaagatgg agaaaatgaa caggacatgg ggctcctgga aagaaagggc 50

<210> 2565
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2565
gtggtttttag gatgtcattc tttgcagttc ttcacatga gacaagtctt 50

<210> 2566
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2566
aaggggtgagg atgagaagtg gtcacgggat ttattcagcc ttggtcagag 50

<210> 2567
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2567
gagaagattc aggacctctt ggtggactct ggaaagttca tctacttaga 50

<210> 2568
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2568
agtacaactg gaagcctaaa caaggtggaa gatgtcctga attaagacgt 50

<210> 2569
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2569
gttgctggcc taatgagcaa tgttctcaat tttcgttttc attttgctgt 50

<210> 2570
<211> 50
<212> DNA

<213> Homo sapiens
 <400> 2570
 acagacctcc agaggggact tatggaaaag ctgacaccta agtttaccaa 50

<210> 2571
 <211> 50
 <212> DNA
 <213> Homo sapiens
 <400> 2571
 tgaatttact tcctcccaag agtttgact gcccgtcaga ttgtttctgc 50

<210> 2572
 <211> 50
 <212> DNA
 <213> Homo sapiens
 <400> 2572
 tggctttatg tccattttac cactgttttt atccaataaa ctaagtcggt 50

<210> 2573
 <211> 50
 <212> DNA
 <213> Homo sapiens
 <400> 2573
 gctgtcacgg agcgactgtc gagatgcct agtatgttct gtgaacacaa 50

<210> 2574
 <211> 50
 <212> DNA
 <213> Homo sapiens
 <400> 2574
 cctttaaggt tggaacttg aagttggaga agtggaata aagttacacc 50

<210> 2575
 <211> 50
 <212> DNA
 <213> Homo sapiens
 <400> 2575
 tgccttcggg ttgtgcttta gtctgtaaaa ttctaaagga gagctgctaa 50

<210> 2576
 <211> 50
 <212> DNA
 <213> Homo sapiens
 <400> 2576
 gcaaaaacct gggaccagcc cccttctccc acaaataaag cccaataaag 50

<210> 2577

<211> 50
<212> DNA
<213> Homo sapiens

<400> 2577
gtcatcggct ttcagagggg gaccacggga atgttcaggg aaacaatgtc 50

<210> 2578
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2578
tgaattgcct gtccagggtt ccttatgcag agaaataaag cagattcagg 50

<210> 2579
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2579
accaaccacc tttccagcca tagagatttt aattagccca actagaagcc 50

<210> 2580
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2580
ctactttgta tgatgaccct gtccctccctc acccaggctg cagtgccatg 50

<210> 2581
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2581
aaagaggagt ggtttgtgac aagcgggaatc caaatggcat tgcagtggtc 50

<210> 2582
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2582
gaagagccat ctcaacagaa tcgcaccaa ctatactttc aggatgaatt 50

<210> 2583
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2583
tctgggttgt agagaactct ttgtaagcaa taaagtgttg ggtgatgaca 50

<210> 2584
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2584
ctgctgtcca ctttccttca ggctctgtga atacttcaac ctgctgtgat 50

<210> 2585
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2585
gcacctgctc caaaggcatc tggcaagaaa gcataagtgg caatcataaa 50

<210> 2586
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2586
ctccttttaa cgtgttattg acaaacctcc ccaaaagaat atgcaattgt 50

<210> 2587
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2587
agctgccaga aagcacagat ttgacccaag ctatttatat gttataaagt 50

<210> 2588
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2588
agctgctgct ggatcacagc tgctttctgt tgcattgct gttgtccctc 50

<210> 2589
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2589
gatgaggctg acaaagttgg ggctgagaac acaatcacct attcacttct 50

<210> 2590
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2590

tcttgccccc gccctgctgt atgatattaa tgtggaaggt catcaataaa 50

<210> 2591
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2591
aaactgtaaa tcataatgta actgaagcat aaacatcaca tggcatgttt 50

<210> 2592
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2592
acaaggagcg tggctactgt ctattaaaat tctgatgttt ctgtgaaatt 50

<210> 2593
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2593
cttccttatg gagctggagc agcccgcta gaaccagtc taatgagaac 50

<210> 2594
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2594
tgcattcat tttgcctaaa ttggttctgt attcataaac actttccaca 50

<210> 2595
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2595
agtgaagtct atgatgtgaa acactttgdc tcctgtgtac tgtgtcataa 50

<210> 2596
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2596
ttgatgatgt aacttgacct tccagagtta tggaaatfff gtccccatgt 50

<210> 2597
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2597
agctcacacg ttccaccac tgctcctcaa acaatgtcat ttcagaaaga 50

<210> 2598
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2598
ggaccacttt tatttattgt cagacactta tttattggga tgtgagcccc 50

<210> 2599
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2599
gggctgtacc caagctgatt tctcatctgg tcaataaagc tgtttagacc 50

<210> 2600
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2600
gctctgaggg aaacgctgtc tgctgccttc atacagatgc tgattaaagt 50

<210> 2601
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2601
tttagctca ggaaaatag tcaggctcaa accacttctc aggcagtta 50

<210> 2602
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2602
ttgttgaacc ataaagttag caaagtaaag gttaagtatg aggtcaatgt 50

<210> 2603
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2603
tgtggtttca gtctctgcta gttcatattg catgtttatt ttggacagtc 50

<210> 2604
<211> 50

<212> DNA
<213> Homo sapiens

<400> 2604
agcagaaatt ttgaagccag aaggacaaca tatgaagctt aggagtgaag 50

<210> 2605
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2605
actgcttcat ctcccttttgc gcttatttgg aaattttagt tatagtgttt 50

<210> 2606
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2606
gagagagtac gggctcagca gccagaggag gccggtgaag tgcattcttct 50

<210> 2607
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2607
cccagtcacc ctcttggagc ttccttgctt tgaattaaag accactcatg 50

<210> 2608
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2608
cccagtcacc ctcttggagc ttccttgctt tgaattaaag accactcatg 50

<210> 2609
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2609
ggagcgtggc acttaccttt gtccttgctt tcattcttgt gagatgataa 50

<210> 2610
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2610
gcatacacat gcactcagtg tggactggga agcattactt tgtagatgta 50

<210> 2611
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2611
aagcctcacc attgacttct tcccccatc ctcacacatt aaagagcctg 50

<210> 2612
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2612
ctgacctcgg cccagcttgg actgcacatc tggcagctga ggagtcagtg 50

<210> 2613
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2613
ggaagatcat taaggacggt gagcagcatg aagatctcaa tgaagtagcc 50

<210> 2614
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2614
ttacctctgt cttggctttc atggtattaa acgtatgcat gtgaagaagg 50

<210> 2615
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2615
agttactggt ctctttctgc cgaatggtat gttttgcttt tatctcacag 50

<210> 2616
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2616
cacaaagtgg cctttgggga gaaagtcatg tatttgctcg caattatgct 50

<210> 2617
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2617
atttactcca agtcctctcc ccagctacca ccagtcctt actctgttct 50

<210> 2618
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2618
gcccatccct gagccaggta ccaccattgt aaggaaacac ttcagaaat 50

<210> 2619
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2619
aggaccgacg cttctggaga aaatacctgc acctgagctt ccatgcctg 50

<210> 2620
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2620
ttcacaaga tttgcgtaa tgaagactac acagaaaacc tttctagga 50

<210> 2621
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2621
atacctgact ttagagagag taaatgtgc caggagccat aggaatatct 50

<210> 2622
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2622
atggaaagat gtggctgag atgggtgctg caaagatcat aataaagtca 50

<210> 2623
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2623
acatccagaa agaaggacac ttgtatgcta gtctatggtc agttgaggaa 50

<210> 2624
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2624
ttgactagta aaagttactg cctagtcttt ttaccttagg cttacagaat 50

<210> 2625
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2625
ttgcccaggc cagttagaaa atcccttggg gaactgtgat gaatattcca 50

<210> 2626
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2626
ataatcacag ttgtgttctt gacactcaat aacagtcac tggaaagagt 50

<210> 2627
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2627
tgaccggatt ccctcactgt tgtatcttga ataaacgctg ctgcttcac 50

<210> 2628
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2628
ccaaagtgg agcttctatt gccatgaacc atgcttacia agaaagcact 50

<210> 2629
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2629
gtgaactcct gcactggcat ttggatgtgt gttaatgcta tttgttttgt 50

<210> 2630
<211> 50
<212> DNA
<213> Homo sapiens

<400> 2630
gctgggtgga aactgcttg cactatcgtt tgcttgggtg ttgtttttaa 50

<210> 2631
<211> 50
<212> DNA